



Vision

In the immediate future, Larsen is dedicated to solidifying its position as a leading provider of cutting-edge concrete admixtures, aiming for widespread recognition in both the Arabian Gulf and global construction markets meanwhile the focus remains on innovation, industry leadership, and fostering sustainable partnerships for accelerated growth.

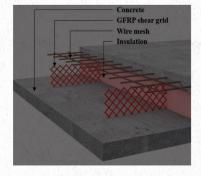
Mission

Larsen's mission is to transform construction with cutting-edge concrete admixtures, offering unparalleled strength, durability, and sustainability.

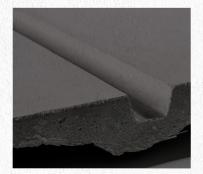
We're more than a supplier – we're a trusted partner dedicated to supporting clients in reaching their project objectives. With responsible practices and a focus on customer success..

Values

Rooted in integrity, fueled by innovation, and fortified by collaboration, our values extend a commitment to excellence not only in concrete additives but in every interaction with our valued customers.









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FERRO LARS

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LARSEN SILICA SLURRY



LARSEN AX 70

Workability Retention, Ultra High Range Water Reducer and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN AX 70 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively.

The increased workability, cohesion and retardation and minimize loss of workability.

USES

- LARSEN AX 70 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G & F.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing low permeability concrete with reduced shrinkage cracking potential.
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions.

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.21± 0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nii
DOSAGE	0.6 - 3.2 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V .)

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN AX 70 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN LR 601 then act to enhance the workability retention characteristics.

In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN LR 601 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions

As a guide, the dosage will fall into one of two ranges dependent on use:

0.6 - 3.2 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN AX 70 will result in a significant increase in retardation as compared to that normally obtained

Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

.Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level

DISPENSING

LARSEN AX 70 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums and 1000 liters bulks.

HEALTH AND SAFETY

LARSEN AX 70 non-toxic, non- corrosive and any splashes. of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its original closed bags.

FIRE

LARSEN AX 70 nonflammable





LARSEN - AX 60

Workability Retention, Very High Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN AX 60 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

USES

- **LARSEN AX 60** is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- •Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing. low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.20± 0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 3.5 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

LARSEN AX 60 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN AX 60 then act to enhance the workability retention characteristics.

In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN AX 60 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use:

0.6-3.5 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN AX 60 will result in a significant increase in retardation as compared to that normally obtained Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING

LARSEN AX 60 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer.

CONCRETE PLACING

The standard rules of good concreting practice concerning production, and placing must be followed

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums and 1000 liters bulks

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its original closed bags.

HEALTH AND SAFETY

LARSEN AX 60 non-toxic, non- corrosive and any splashes of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice.

FIRE

LARSEN AX 60 nonflammable



LARSEN - AX 50

Workability Retention, High Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN AX 50 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers. which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

USES

- LARSEN AX 50 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing.
 low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.19± 0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 2.5 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

LARSEN AX 50 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN AX 50 then act to enhance the workability retention characteristics.

In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN AX 50 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use : 0.6-2.5 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN AX 50 will result in a significant increase in retardation as compared to that normally obtained Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING CONCRETE PLACING LARSEN AX 50 liquid should be dispensed directly into The standard rules of good concreting practice concerning. mixing water or added simultaneously into the concrete mixer. production and placing must be followed **PACKAGING STORAGE & SHELF-LIFE** Available in 20 liters. Plastic pails, 210 liters drums. Approx. 12 months in dry shaded conditions in. and 1000 liters bulks its original closed bags **HEALTH AND SAFETY FIRE** LARSEN AX 50 non-toxic, non-corrosive and any splashes. LARSEN AX 50 nonflammable of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice



LARSEN GA900

Workability Retention, Upper Mid Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN GA 900 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water. It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively.

The increased workability, cohesion and retardation and minimize loss of workability.

USES

LARSEN GA 900 is recommended for all cement types in the following areas.

Ready to use concrete.

Heavily reinforced concrete works.

Paving and industrial floors.

Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing. low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.185±0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 2.5 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

LARSEN GA 900 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN GA 900 then act to enhance the workability retention characteristics. In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN GA 900 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use:

0.6-2.5 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN GA 900 will result in a significant increase in retardation as compared to that normally obtained.

Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level .

DISPENSING

LARSEN GA 900 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer.

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed.

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums and 1000 liters bulks.



LARSEN - GA800

Workability Retention, Upper Mid Range Water Reducer and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN GA 800 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

USES

- LARSEN GA 800 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing.
 low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.18±0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 - 3.0 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN GA 800 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN GA 800 then act to enhance the workability retention characteristics In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN GA 800 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use :

0.6-3.0 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN GA 800 will result in a significant increase in retardation as compared to that normally obtained. Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING

LARSEN GA 800 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums. and 1000 liters bulks

HEALTH AND SAFETY

LARSEN GA 800 non-toxic, non- corrosive and any splashes of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its. original closed bags

FIRE

LARSEN GA 800 nonflammable



LARSEN GA700

Workability Retention, Upper Mid Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN GA 700 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which. instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

USES

LARSEN GA 700 is recommended for all cement types in the following areas.

Ready to use concrete.

Heavily reinforced concrete works.

Paving and industrial floors.

Fluid concrete for long maintenance of slump.

ADVANTAGES

- •Gives increased working life to fresh concrete.
- •Increases workability without extra water, reducing placing time and costs.
- •Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing. low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.175±0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 2.5 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

LARSEN GA 700 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN GA 700 then act to enhance the workability retention characteristics. In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN GA 700 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions. As a guide, the dosage will fall into one of two ranges dependent on use:

0.6-2.5 liter/100 Kg of cementitious material.

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN GA 700 will result in a significant increase in retardation as compared to that normally obtained Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will. generally be increased

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING

LARSEN GA 700 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer.

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums and. liters bulks 1000

HEALTH AND SAFETY

LARSEN GA 700 non-toxic, non- corrosive and any splashes of.
the skin should
be washed off with water if contact with eyes occurs wash with water
immediately and seek medical advice

CONCRETE PLACING

The standard rules of good concreting practice concerning.
production and placing must be followed

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its. original closed bags

FIRE

LARSEN GA 700 nonflammable



LARSEN - GA1907

Workability Retention, Upper Mid Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN GA1907 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

USES

- LARSEN GA1907 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing.
 low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.185±0.01 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 3.0 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN GA1907 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN GA1907 then act to enhance the workability retention characteristics In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN GA1907 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use :

0.6-3.0 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN GA1907 will result in a significant increase in retardation as compared to that normally obtained. Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING

liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums. and 1000 liters bulks

HEALTH AND SAFETY

non-toxic, non- corrosive and any splashes of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its. original closed bags

FIRE

LARSEN GA1907 nonflammable



LARSEN - G1900

Workability Retention, Upper Mid Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN G1900 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

- LARSEN G1900 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing. low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.18±0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 3.0 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN G1900 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN G1900 then act to enhance the workability retention characteristics In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN G1900 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use :

0.6-3.0 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN G1900 will result in a significant increase in retardation as compared to that normally obtained. Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING

LARSEN G1900 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums. and 1000 liters bulks

HEALTH AND SAFETY

LARSEN G1900 non-toxic, non- corrosive and any splashes of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its. original closed bags

FIRE

LARSEN G1900 nonflammable



LARSEN LR 301

Workability Retention, Medium Range Water Reducer and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN LR 301 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

USES

- LARSEN LR 301 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing.
 low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.17±0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 - 2.8 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN LR 301 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN LR 301 then act to enhance the workability retention characteristics In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN LR 301 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use :

0.6-2.8 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN LR 301 will result in a significant increase in retardation as compared to that normally obtained. Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING

LARSEN LR 301 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums. and 1000 liters bulks

HEALTH AND SAFETY

LARSEN LR 301 non-toxic, non- corrosive and any splashes of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its. original closed bags

FIRE

LARSEN LR 301 nonflammable



LARSEN LR 201

Workability Retention, Medium Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN LR 201 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water.

It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively. The increased workability, cohesion and retardation and minimize loss of workability.

USES

- LARSEN LR 201 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

ADVANTAGES

- Gives increased working life to fresh concrete.
- •Increases workability without extra water, reducing placing time and costs.
- •Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing.
 low permeability concrete with reduced shrinkage cracking potential
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.165± 0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 2.0 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN LR 201 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN LR 201 then act to enhance the workability retention characteristics.

In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN LR 201 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions

As a guide, the dosage will fall into one of two ranges dependent on use:

0.6-2.0 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

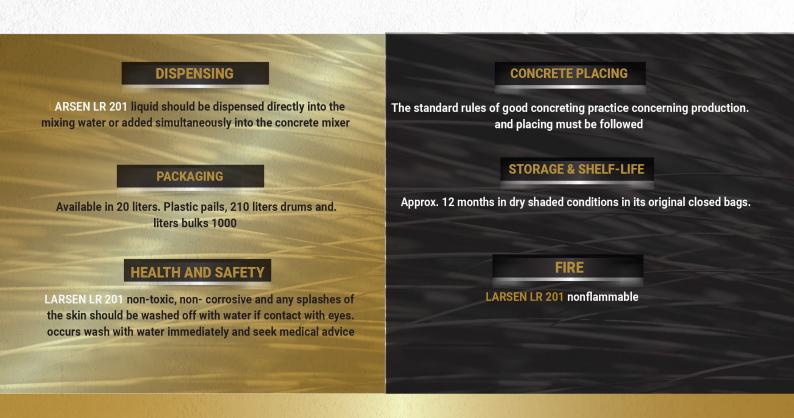
EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN LR 201 will result in a significant increase in retardation as compared to that normally obtained Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will. generally be increased

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used.

Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.





LARSEN LO 101

Workability Retention, Medium Range Water Reducer

and Super plasticizer Admixture for concrete

DESCRIPTION

LARSEN LO 101 is a chloride free, brown liquid, workability retention admixture based on selected organic polymers which instantly disperse in water. It disperses the fine particles in the concrete mix enabling the water content of the concrete to perform more effectively.

The increased workability, cohesion and retardation and minimize loss of workability.

USES

- LARSEN LO 101 is recommended for all cement types in the following areas.
- Ready to use concrete.
- Heavily reinforced concrete works.
- Paving and industrial floors.
- Fluid concrete for long maintenance of slump.

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G

ADVANTAGES

- Gives increased working life to fresh concrete.
- Increases workability without extra water, reducing placing time and costs.
- Improves cohesion, minimizing segregation and improving surface finish.
- Aids pumping by improving cohesion and reducing workability loss.
- Allows a reduction in water/cement ratio, enhancing durability by producing low permeability concrete with reduced shrinkage cracking potential.
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- Can be used with concrete containing micro silica and other cement replacements.
- Suitable for use in Middle East and Arabian area conditions..

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.160±0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
DOSAGE	0.6 − 2.0 liter/100 Kg of cementitious material.

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN LO 101 can be used with other green admixtures in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.



INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150mm slump.

The retardation and improved cohesion provided by LARSEN LO 101 then act to enhance the workability retention characteristics.

In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN LO 101 will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use :

0.6-2.0 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN LO 101 will result in a significant increase in retardation as compared to that normally obtained.

Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation. and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used. Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength.

The degree of this effect will depends on the particular mix design and overdose level.

DISPENSING

LARSEN LO 101 liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer.

CONCRETE PLACING

The standard rules of good concreting practice concerning production. and placing must be followed





LARSEN - SPA8090

High Range Water Reducing & Super plasticizing Admixture for Concrete

DESCRIPTION

LARSEN SPA8090 is a brown liquid, based on synthetic polymers that has a strong dispersing power over the fine particles of concrete and thus allows a higher mechanical resistance.

It is capable for higher water reduction in concrete (up to 30%).

It works on very low water/cement mixtures.

It can be used on site to boost up the workability of the concrete mixture to any extend without danger of delay in setting. Suitable for use in hot conditions.

USES

- LARSEN SPA8090 is used for all types of Portland cements in the following areas.
- High performance concrete.
- Precast concrete.
- Densely-reinforced concrete structures.
- Paving and industrial floors.
- Ready- mix concrete.
- All concrete requiring fluid consistency.
- Cement based injection grout.

ADVANTAGES

- High range water reducing (up to 30%) without cement reduction improves high early strength (up to 70% @24 hours) and the ultimate strength is also increased.
- Excellent plasticizer with increasing workability, reduces placing time, equipment's and labor costs.
- Needs little or no compaction during placing.
- Free from chloride and other ingredients which promote the corrosion of steel reinforcement.
- Increases density and reduces permeability improves durability and reduces porosity.
- Increases cohesion, minimize bleeding and segregation.
- Compatible with sulphate resistant cement and marine aggregates.
- Suitable for use in Middle East and Arabian area conditions.

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 and ASTM C 494 types F (High range water reducing admixture).

TECHNICAL PROPERTIES	
Appearance	Brown liquid
Specific gravity	1.22± 0.001 Kg/Lit .@25°C
Chloride content (BS 5075)	Nil
Air entrainment	Less than 1% additional air is entrained
Setting time	Less than 1 hour retardation at normal dosage

COMPATIBILTY

LARSEN SPA8090 an be used with other LARSEN admixtures in the same concrete mix All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

LARSEN SPA8090 can be used on site to produce fluid concrete to a required workability. Make sure that the concrete is agitated for not less than 2 minutes at 15 - 20 rpm before casting. For high early strength of concrete, use a lower w/c and a higher LARSEN SPA8090 dosage.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two range dependent on use.

0.6 - 1.0 liter/100 Kg cement for flowing concrete.

1.4 - 3.6liter/100 Kg cement for high strength concrete.

EFFECT OF OVERDOSING

An overdose of LARSEN SPA8090 will result in the following.

Increased workability.

Slight increase in air entrainment.

Slight delay of the initial and final setting of the concrete mixture.

The ultimate strength of the concrete will not be impaired provided that adequate curing is maintained.

DISPENSING CONCRETE PLACING LARSEN SPA8090 liquid should be dispensed directly into the. The standard rules of good concreting practice concerning. mixing water or added simultaneously into the concrete mixer productionand placing must be followed **CLEANING PACKAGING** Available in 20 liters. Plastic pails, 210 liters drums. Spillages of LARSEN SPA8090 can be removed with water. and 1000 liters bulks **STORAGE & SHELF-LIFE HEALTH AND SAFETY** Approx. 12 months in dry shaded conditions in. LARSEN SPA8090 is non-toxic, non- corrosive and any splashes of its original closed bags the skin should be washed off with water, if contact with eyes occurs wash with water immediately and seek medical advice. **FIRE** LARSEN SPA8090 is nonflammable.



LARSEN - 3R3

High Range Water Reducing & Super plasticizing Admixture for Concrete

DESCRIPTION

LARSEN 3R3 is a brown liquid, based on synthetic polymers that has a strong dispersing power over the fine particles of concrete and thus allows a higher mechanical resistance.

It is capable for higher water reduction in concrete (up to 30%).

It works on very low water/cement mixtures.

It can be used on site to boost up the workability of the concrete mixture to any extend without danger of delay in setting. Suitable for use in hot conditions.

USES

- LARSEN LR 3R3 is used for all types of Portland cements in the following areas.
- High performance concrete.
- Precast concrete.
- Densely-reinforced concrete structures.
- Paving and industrial floors.
- Ready- mix concrete.
- All concrete requiring fluid consistency.
- Cement based injection grout.

ADVANTAGES

- High range water reducing (up to 30%) without cement reduction improves high early strength (up to 70% @24 hours) and the ultimate strength is also increased.
- Excellent plasticizer with increasing workability, reduces placing time, equipment's and labor costs.
- Needs little or no compaction during placing.
- Free from chloride and other ingredients which promote the corrosion of steel reinforcement.
- Increases density and reduces permeability improves durability and reduces porosity.
- Increases cohesion, minimize bleeding and segregation.
- Compatible with sulphate resistant cement and marine aggregates.
- Suitable for use in Middle East and Arabian area conditions.

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 and ASTM C 494 types F (High range water reducing admixture).

TECHNICAL PROPERTIES		
Appearance	Brown liquid	
Specific gravity	1.18±0.01 Kg/Lit .@25°C	
Chloride content (BS 5075)	Nil	
Air entrainment	Less than 1% additional air is entrained	
Setting time	Less than 1 hour retardation at normal dosage	

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements (type V cements).

LARSEN 3R3 an be used with other LARSEN admixtures in the same concrete mix All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

LARSEN 3R3 can be used on site to produce fluid concrete to a required workability. Make sure that the concrete is agitated for not less than 2 minutes at 15 - 20 rpm before casting. For high early strength of concrete, use a lower w/c and a higher LARSEN 3R3 dosage.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two range dependent on use.

0.6 - 1.0 liter/100 Kg cement for flowing concrete.

1.4 - 3.6 liter/100 Kg cement for high strength concrete.

EFFECT OF OVERDOSING

An overdose of LARSEN 3R3 will result in the following.

Increased workability.

Slight increase in air entrainment.

Slight delay of the initial and final setting of the concrete mixture.

The ultimate strength of the concrete will not be impaired provided that adequate curing is maintained.

DISPENSING

LARSEN 3R3 liquid should be dispensed directly into the. mixing water or added simultaneously into the concrete mixer

CLEANING

Spillages of LARSEN 3R3 can be removed with water.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in. its original closed bags

FIRE

LARSEN 3R3 is nonflammable.

CONCRETE PLACING

The standard rules of good concreting practice concerning. productionand placing must be followed

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums. and 1000 liters bulks

HEALTH AND SAFETY

LARSEN 3R3 is non-toxic, non- corrosive and any splashes of the skin should be washed off with water, if contact with eyes occurs wash with water immediately and seek medical advice.



LARSEN LR 103#

High Range Water Reducing & Super plasticizing

Admixture for Concrete

DESCRIPTION

LARSEN LR 103# is a brown liquid, based on synthetic polymers that has a strong dispersing power over the fine particles of concrete and thus allows a higher mechanical resistance.

It is capable for higher water reduction in concrete (up to 25%).

It works on very low water/cement mixtures.

It can be used on site to boost up the workability of the concrete mixture to any extend without danger of delay in setting. Suitable for use in hot conditions.

USES

- LARSEN LR 103# is used for all types of Portland cements in the following areas.
- High performance concrete.
- Precast concrete.
- Densely-reinforced concrete structures.
- Paving and industrial floors.
- Ready- mix concrete.
- All concrete requiring fluid consistency.
- Cement based injection grout.

ADVANTAGES

- High range water reducing (up to 25%) without cement reduction improves high early strength (up to 70% @24 hours) and the ultimate strength is also increased.
- Excellent plasticizer with increasing workability, reduces placing time, equipment's and labor costs.
- Needs little or no compaction during placing.
- Free from chloride and other ingredients which promote the corrosion of steel reinforcement.
- Increases density and reduces permeability improves durability and reduces porosity.
- Increases cohesion, minimize bleeding and segregation.
- Compatible with sulphate resistant cement and marine aggregates.
- Suitable for use in Middle East and Arabian area conditions.

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 and ASTM C 494 types F (High range water reducing admixture).

TECHNICAL PROPERTIES		
Appearance	Brown liquid	
Specific gravity	1.14±0.01 Kg/Lit .@25°C	
Chloride content (BS 5075)	Nil	
Air entrainment	Less than 1% additional air is entrained	
Setting time	Less than 1 hour retardation at normal dosage	

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements (type V cements).

LARSEN LR 103# can be used with other LARSEN admixtures in the same concrete mix

All admixtures should be added to the concrete separately and must not be mixed together prior to addition.

The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

LARSEN LR 103# can be used on site to produce fluid concrete to a required workability. Make sure that the concrete is agitated for not less than 2 minutes at 15 - 20 rpm before casting. For high early strength of concrete, use a lower w/c and a higher LARSEN LR 103# dosage.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two range.

dependent on use:

0.6 _ 3.0 liter/100 Kg of cement content.

EFFECT OF OVERDOSING

An overdose of LARSEN LR 103# will result in the following.

Increased workability.

Slight increase in air entrainment.

Slight delay of the initial and final setting of the concrete mixture.

The ultimate strength of the concrete will not be impaired provided that adequate curing is maintained.

DISPENSING

LARSEN LR 103 # liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer.

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed.

CLEANING

Spillages of LARSEN LR 103# can be removed with water.

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums and 1000 liters bulks.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its original closed bags.

HEALTH AND SAFETY

Rock Admix RS-F is non-toxic, non- corrosive and any splashes of the skin should be washed off with water. if contact with eyes occurs wash with water immediately and seek medical advice

FIRE

LARSEN LR 103 # is nonflammable.



LARSEN N 1001

INTEGRAL WATERPROOFING ADMIXTURE

DESCRIPTION

LARSEN N 1001 is a chloride free integral waterproofing admixture in liquid form based on a blend of long chain fatty acids and other hydrophobic materials

The hydrophobic materials in LARSEN N 1001produce a matrix of insoluble water resistant material as an integral component of the cement paste minimizing penetration of moisture into the cement paste

USES

LARSEN N 1001 is used in

- Production of semi-dry concrete blocks and bricks and other precast concrete industries.
- Damp course rendering.
- Plastering and rendering exposed to rain.
- Mounting mortar.
- Joint grout.
- Screed.
- Concrete

ADVANTAGES

- Contains hydrophobic chemicals that minimize water penetration without significant changes in compressive strength.
- Reduced water permeability minimizes efflorescence caused by transport of dissolved salts through the mix.
- Provides a lubricating action to dry and semi-dry mixes, improving efficiency of automatic block and brick making equipment.
- Improves the resistance of the surface of concrete units to weathering action.
- Supplied in pre-weighed, ready to use bags .
- Suitable for use in the Middle East and Arabian area conditions .

TECHNICAL PROPERTIES Appearance Brown Chloride Nil Content (BS 5075) Density 1.1kg / cm@20c

STANDARD COMPLIANCE

It is suitable for use in the production of cement based waterproof renders as described in clause 4.1.7 of BS 8102 Code of practice for protection of structures against water') from the ground

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements

COMPATIBILTY WITH OTHER ADMIXTURES

All admixtures should be added to the concrete separately and must not be mixed together prior to addition . The resultant properties of concrete containing more than one admixture should be assessed by trial mixes .

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions. This allows the optimization of admixture dosage and mix design and provides a complete assessment of the mix. As a guide, the normal dosage 0.5% of cement content.

USE AT OTHER DOSAGES

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements, provided that adequate supervision

is available. Compliance with requirements must be assessed through trial mixes .

EFFECT OF OVERDOSING

An overdose of double the intended amount LARSEN N 1001may result in a significant increase in air entrainment, which will reduce strength The degree of.

this effect will depend on the particular mix design and overdose level .

DISPENSING

LARSEN N 1001 is supplied ready for use

The correct quantity should be added to the mix during the mixing process by hand sprinkling or mechanical means

CURING

As with all structural concrete, the surface must be cured immediately after drying by water spray wet hessian or one of the LARSEN Curing Products.

CLEANING

Spillages on LARSEN N 1001 should be absorbed onto sand, earth or vermiculite and transferred to suitable . containers Remnants should be hosed down with large quantities of water

The disposal of excess or waste material should be carried out in accordance with local legislation . under the guidance of the local waste regulatory authority

STORAGE & SHELF-LIFE

Approx. 12 months provided the temperature is kept within the range of 2° C to 45° C and the product is kept in a dry store in the original unopened packaging .

HEALTH AND SAFETY

- LARSEN N 1001is irritating to skin and can cause serious damage to eyes .
- Avoid contact with skin and eyes .
- Wear suitable protective gloves and goggles .
- Splashes on the skin should be washed immediately with water .
- In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- If swallowed seek medical attention immediately "do not induce vomiting .

FIRE

LARSEN N 1001is nonflammable.



LARSEN - N

INTEGRAL WATERPROOFING ADMIXTURE.

DESCRIPTION

LARSEN N is a chloride free integral waterproofing admixture in liquid form based on a blend of long chain fatty acids and other hydrophobic materials

The hydrophobic materials in LARSEN N produce a matrix of insoluble water resistant material as an integral component of the cement paste minimizing penetration of moisture into the cement paste

USES

LARSEN N is used in

- Production of semi-dry concrete blocks and bricks and other precast concrete industries
- Damp course rendering
- Plastering and rendering exposed to rain
- Mounting mortar
- Joint grout
- Screed
- Concrete



ADVANTAGES

- Contains hydrophobic chemicals that minimize water penetrationwithout significant changes in compres sive strength.
- Reduced water permeability minimizes efflorescence caused by transport of dissolved salts through the mix.
- Provides a lubricating action to dry and semi-dry mixes, improving efficiency of automatic block and brick making equipment.
- Improves the resistance of the surface of concrete units to weathering action .
- Supplied in pre-weighed, ready to use bags .
- Suitable for use in the Middle East and Arabian area conditions .

STANDARD COMPLIANCE

It is suitable for use in the production of cement based waterproof renders as described

in clause 4.1.7 of BS.8102 ('Code of practice for protection of structures against water from the ground) (Code of practice for protection of structures against water from the ground') 8102.

TECHNICAL PROPERTIES		
Appearance	Brown	
Chloride	Nil	
Content		
(BS 5075)		
Density	1.09 kg/cm@20c	

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements

COMPATIBILTY WITH OTHER ADMIXTURES

LARSEN N can be used with other LARSEN tures in the same concrete mix

All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one ad<mark>mixture should be assessed by trial mixes.</mark>

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions. This allows the optimization of admixture dosage and mix design and provides a complete assessment of the mix. As a guide, the normal dosage 0.5% of cement content.

USE AT OTHER DOSAGES

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements, provided that adequate supervision is available Compliance with requirements must be assessed through trial mixes.

EFFECT OF OVERDOSING

An overdose of double the intended amount LARSEN N may result in a significant increase in air entrainment, which will reduce strength
The degree of this effect will depend on the particular mix design and overdose level.

DISPENSING

LARSEN N is supplied ready for use.

The correct quantity should be added to the mix during the mixing process by hand sprinkling or mechanical means.

CURING

As with all structural concrete, the surface must be cured immediately after drying by water spray. wet hessian or one of the LARSEN N Curing Products.

CLEANING

Spillages on LARSEN N should be absorbed onto sand, earth or vermiculite and transferred to suitable containers Remnants should be hosed down with large quantities of water.

The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

STORAGE & SHELF-LIFE

Approx. 12 months provided the temperature is kept within the range of 2°C to 45°C and the product is kept in a dry . store in the original unopened packaging

HEALTH AND SAFETY

LARSEN N is irritating to skin and can cause serious damage to eyes .

Avoid contact with skin and eyes .

Wear suitable protective gloves and goggles .

Splashes on the skin should be washed immediately with water . .

In case of contact with eyes rinse immediately with plenty of water and seek medical advice .

If swallowed seek medical attention immediately "do not induce vomiting.

FIRE

LARSEN N is nonflammable.



LARSEN pc 402

(High Performance Superplasticiser Concrete Admixture) PCE Base

DESCRIPTION

LARSEN PC 402 a third generation polycarboxylic ether (PCE) polymers super plasticizer for concrete and mortar. It meets the requirements for super plasticizers according to EN 934-2 and ASTM C- 494 Types G and F.

USES

LARSEN PC 402 facilitates extreme water reduction, excellent flow ability with at the same time optimal cohesion and highest self-compacting behavior LARSEN PC 401 used for the following types of concrete:

- Self-Compacting Concrete.
- Precast Concrete.
- Ready Mix Concrete with highest water reduction (Up to 35%).
- High Strength Concrete.
- Hot Weather Concrete.
- Self-Compacting Concrete.



ADVANTAGES

Through surface adsorption and satirical separation effect on the cement particles, in parallel to the hydration process, the following properties are obtained:

Strong self-compacting behavior. Therefore suitable for the production of self-compacting concrete.

- Improved Water Impermeability.
- Increase high early strengths development.
- Excellent flow ability (resulting in highly reduced placing and compacting efforts).
- Improved shrinkage and creep behavior.
- Extremely high water reduction (resulting in high density and strengths).
- Improved shrinkage and creep behavior.
- Reduced rate of carbonation of the concrete.

COMPATIBILTY

LARSEN PC 402 is suitable for mixes containing:

Micro silica (Silica Fume) •

Fly Ash (PFA) •

GGBS (ground granulated blast furnace slag) •

	TECHNICAL PROPERTIES		
Base	modified polycarboxylates ether		
Colour	Light brownish liquid		
Density	1.090± 0.01 Kg/it		
рН	0.5 ± 7		
Packaging	5and 20 kg pails 220 kg drums Bulk Tanks packing available upon request		
Shelf Life	12months from date of production if stored properly in unopened and undamaged original sealed packaging, in dry temperatures between +5°C and +35°C. Protected from direct sunlight and frost		

DOSAGE

Recommended dosage:

For soft plastic concrete: 0.2 - 0.8 % by weight of cement.

For flowing and self-compacting concrete (S.C.C.): 0.8 - 2 % by weight of cement.

Safety Precautions

In contact with skin, wash off with soap and water. In contact with eyes or mucous membrane, rinse immediately with clean warm water and seek medical attention without delay.





LARSEN pc 401

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- Hot Weather Concrete.
- Self-Compacting Concrete.

ADVANTAGES

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Strong self-compacting behavior. Therefore suitable for the production of self-compacting concrete.

- Improved Water Impermeability.
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Micro silica (Silica Fume

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GGBS (ground granulated blast furnace slag •



TECHNICAL PROPERTIES

Base	modified polycarboxylates ether
Colour	Light brownish liquid
Density	1.060±0.01Kg/it
рН	7 ± 0.5
Packaging	5and 20 kg pails 220 kg drums Bulk Tanks packing available upon request
Shelf Life	12months from date of production if stored properly in unopened and undamaged original sealed packaging, in dry temperatures between +5°C and +35°C. Protected from direct sunlight and frost



DOSAGE

Recommended dosage:

For soft plastic concrete: 0.2- 0.8 % by weight of cement. For flowing and self-compacting concrete (S.C.C.): 0.8 - 2 % by weight of cement.

Safety Precautions

In contact with skin, wash off with soap and water. In contact with eyes or mucous membrane rinse immediately, with clean warm water and seek medical attention without delay



CORROSION INHIBITORS

FERRO LARS

Corrosion Inhibiting Admixture

DESCRIPTION

FERRO LARS is a pale straw-colored solution instantly disperses in water.

USES

FERRO LARS is used as a corrosion inhibiting admixture.

STANDARD COMPLIANCE

The British Board of has approved it.

Agreement under Certificate No. 04/4171.

And conforms to ASTM G109.

ADVANTAGES

- Good corrosion inhibiting properties for concrete.
- Can be used in conjunction with other admixtures.
- Suitable for use in Middle East and Arabian area conditions.

TECHNICAL PROPERTIES		
Appearance	Pale straw coloured liquid	
Specific gravity	1.100±0.005 Kg/Lit .@ 25°C	
Chloride content (BS 5075/ BS:EN934)	Nil	

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements

COMPATIBILTY WITH OTHER ADMIXTURES

FERRO LARS can be used with other LARS ENS in the same concrete mix.

All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

INSTRUCTIONS FOR USE

DOSAGE

Use FERRO LARS Should to meet the addition levels required in concrete mix specification documents Typical specified dosage levels are normally in the range of 4.0 - 8.0 liters/m³ of concrete.

Because FERRO LARS has a high dosage level, calculation of water: cement ratio should include the water added to the mix in the admixture.

DISPENSING

The correct quantity of FERRO LARS should be measured by means of a recommended dispenser. The FERRO LARS should then be added to the concrete with the mixing water to obtain the best results.

DISPENSING

The correct quantity of FERRO LARS should be measured by means of a recommended dispenser.

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CURING

As with all structural concrete, the surface must be cured immediately after drying by water spray, wet hessian or one of the LARS EN Curing Products.

CLEANING

should be absorbed onto sand, earth or vermiculite and transferred to suitable containers Spillages of FERRO LARS.

Do not allow FERRO LARS to enter rivers or drains.

The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its original closed bags.

FERRO LARS is an oxidizing agent and should be stored

away from reducing agents and combustible materials.

PACKAGING

Available in 20 liters. Plastic pails, 210 liters drums and 1000 liters bulks.

HEALTH AND SAFETY

FERRO LARS is toxic and should not be swallowed or allowed to come into contact with skin and eyes.

Wear suitable protective gloves and goggles.

Splashes on the skin should be removed with water.

In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

If swallowed seek medical attention immediately - do not induce vomiting.

FIRE

FERRO LARS is nonflammable.



LARSEN POLYPROPYLENE FIBER

Fiber Reinforcement

LARSEN P.P FIBER is a concrete mix with steel / synthetic fibers, and special concrete additives to enhance the flexural strength and other important mechanical properties of concrete.

LARSEN Company for Fiber Reinforcement trading is considered one of the biggest and strongest distributors of Fiber Reinforcement as well as we are the first distributor of trading.

Fiber Reinforcement in addition of being the biggest importer of Fiber Reinforcement due to our powerful distributing capacity which reflects our good reputation and well perception domestically in the Egyptian market and internationally.

For ordinary pavements to Machine foundations to tunnel Linings, LARSEN P.P FIBER is available to meet your specific requirements. LARSEN P.P FIBER contains micro fibers for added tensile strength, better binding ability, resistance to cracking & abrasion, depending on the size & type of fiber used.

LARSEN P.P FIBER offers numerous additional benefits than conventional concrete.

The fibers work as small threads / micro-reinforcement typing up the concrete particles, this reduces the cracking caused and also increases. the tensile strength of concrete.

Specifications

Fiber as per ASTM C1579-13 Standard.

Primary Applications

Floor for industrial, commercial and residential concrete projects.

Footings, foundations, walls and tank applications.

Concrete pipe, vault structures and pre-cast / pre-stressed beams.

Features / Benefits

Controls and mitigates plastic shrinkage cracking.

Reduces segregation and bleed-water.

Provides three-dimensional reinforcement against micro-cracking.

Increases surface durability.

Reduction of in-place cost versus wire mesh for temperature / shrinkage crack control.

Easily added to concrete mixture at any time prior to mixing.



Technical information

Typical Engineering Data		
Material	Polypropylene	
Specific gravity	0.91	
Typical Dosage	to 0.9 kg/m3 0.6	
Available Lengths	12mm	
Tensile Strength	Мра 660	
Modulus of Elasticity	Gpa 4.0	
Melt Point	165°c	
Electrical Conductivity	Low	
Water Absorption	Negligible	
Acid and Alkali Resistance	Excellent	
Fiber Count	Approx. 14 million/0.45kg	

Why Choose LARSEN P.P FIBER?

- Capacity Of 5mt/ Day Production.
- Operations 24/7.
- Economical and World Class Quality.
- Immediate Dispatches.
- Customization Possible.
- New R&D is an Ever Continues Process.

LARSEN for Fiber Reinforcement offer 2 types of Fiber Reinforcem

Virgin Polypropylene Fibrillated Fiber, Length: 6 MM /18/ 12 MM. Virgin Polypropylene Multifilament Fiber, Length: 6 MM /18/ 12 MM.

Package

LARSEN P.P FIBER fibers are packaged in 900 g bags or as request.



LARSEN Grind- 2000 MY

STRENGTH ENHANCING GRINDING AID FOR THE PRODUCTION OF CEMENT

DESCRIPTION

LARSEN Grind-2000 MY is a liquid cement grinding aid with performance enhancing properties.

Larsen Grind-2000 MY has been specifically designed to increase the output of cement grinding plants and obtained improved strength development for cements.

USES

LARSEN Grind-2000 MY Improve the production rate of the cement grinding system

Increase the early and final strength of the cement.

ADVANTAGES

LARSEN Grind-2000 MY is a dispersant with the following characteristics:

- -Neutralization of electrical charges on the surface of the cement particles.
- -Separation of the cement particles.

LARSEN Grind-2000 MY provides the following advantages in the cement production:

- Enhanced grinding properties of the cement mill due to less accumulation of material on grinding balls and mill-liners.
- Higher separator efficiency due to improved cement particle dispersion.
- Reduced relative power consumption per ton of ment due to increased output of the grinding system (tons per hour).
- Easier achievement of the desired cement.
- -Improved powder flow.

LARSEN Grind-2000 MY gives the following advantages to the finished cement

- Reduced quantity of "over-milled" particles in the ment granulometry.
- Easier discharge of the silos.
- Increased early and final strengths.
- -Economic cement design with clinker replacements.

STANDARD COMPLIANCE

It complies with BS 5075 Part 3 And ASTM C494 Type G.

TECHNICAL PROPERTIES				
Appearance	Brown liquid			
Specific gravity	1.14± 0.002 Kg/Lit .@25°C			
Chloride content (BS 5075)	Nil			
DOSAGE	0.5 - 2.0 liter/100 Kg of cementitious material.			

COMPATIBILTY

COMPATIBILTY WITH CEMENT

Compatible with all types of Portland cements and sulphate resistance cements type (V.)

INSTRUCTIONS FOR USE

MIX DESIGN FOR WORKABILITY RETENTION

The mix design should be one suitable for use as a pump mix.

To obtain the best results for workability retention, the initial workability should be above 150 mm slump.

The retardation and improved cohesion provided by LARSEN Grind-2000MY then act to enhance the workability retention characteristics.

In correctly designed flowing, the improved dispersion of the cement particles and the more efficient use of mixing water will improve mix cohesion.

The improved cohesion obtained LARSEN Grind-2000MY will also help to minimize bleed and segregation.

After initial trials, minor modifications to the mix design may be made to optimize performance.

DOSAGE

The optimum dosage should be determined by site trials with the particular concrete mix under ambient conditions As a guide, the dosage will fall into one of two ranges dependent on use :

0.5 - 2.0 liter/100 Kg of cementitious material

USE OVERDOSING

Dosages outside the typical range quoted above may be used if necessary and suitable to meet particular mix requirements.

EFFECT OF OVERDOSING

An overdose of double the amount of LARSEN Grind-2000MY will result in a significant increase in retardation as compared to that normally obtained.

Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased.

The effects of overdosing will be increased if sulphate resisting cement or cement replacement materials are used. Over dosage is also likely to cause increased air entrainment, which will tend to reduce strength. The degree of this. effect will depends on the particular mix design and overdose level.

DISPENSING

LARSEN Grind-2000MY liquid should be dispensed directly into the mixing water or added simultaneously into the concrete mixer

CONCRETE PLACING

The standard rules of good concreting practice concerning production and placing must be followed

PACKAGING

Available in 20 liters. Plastic pails. liters drums and 1000 liters bulks 210

STORAGE & SHELF-LIFE

Approx. 12 months in dry shaded conditions in its original closed bags.

HEALTH AND SAFETY

LARSEN Grind-2000MY non-toxic, non-corrosive and any splashes. of the skin should be washed off with water if contact with eyes occurs wash with water immediately and seek medical advice

FIRE

LARSEN Grind-2000MY nonflammable



LR SILICA SLURRY

TECHNICAL DATA SHEET [T.D.S]

ASlurry of Larsen Silica dioxide polymer for increasing compressive strength and improve

DESCRIPTION

LARSEN Liquid micro silica (Pozzolanic Material) high active when mixed with cement.

it improves chemical and hard concrete with cement content not less than 350 KG/M3 according to the american specifications ASTM-C1240

USES

Liquid product of high grade Larsen Microsilica contains silicon dioxides:

- As replacement for silica powder.
- Awide range of applications where a high ultimate strenght and durability is requested.
- Chmicals work, foundry floors, docksides and applications subjects to wet and salty conditions.

ADVANTAGES

- LR SILICA SLURRY is compatible with all products of chemical admixtures that meet ASTM C-494.
- High density, high strength, reduce permeability and hight tension.
- Reduce abrasion and absorption.
- High and rapid soluble in concrete.
- No bleeding of concrete when high dose of other admixtures of ASTM C-494 is used.
- Superior cohesion pumping properties.

TECHNICAL DATA

Chemical Basis:	Silicon Dioxide Polymer
Color:	Grey
Density:	1.4±0.05
PH:	7±2
Validation :	1Month
Solid content :	Solid water 50%±10%
Package :	Drum:210Liter
	Tanks:1000Liter





APPLICATION DOSAGE

5:20% of cement weight per m3 according to the required strength (O.P.C,S.R.C,H.S.C,,,,,etc) at the site application.

STORAGE

- Shaded (protected of sun light), dry area (5:40°c).
- package must be re-closed tightly after use.
- Storing tanks should be agitated, periodically, to present precipitation.

DISPENSING

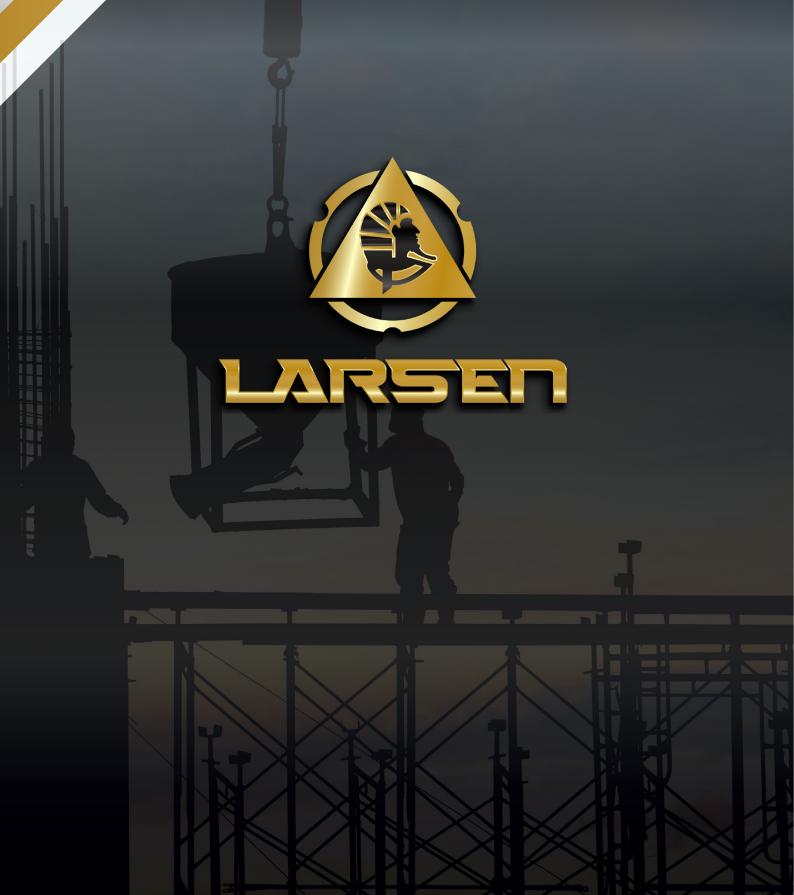
- Laboratory trials shall be carried out initially to determine the suitable percent according to the required concrete.
- LR SILICA SLURRY is added to the mix into concrete mixer automatically (by pumping motor).
- Mixing water is to reduce by (40:50%) of LR SILICA SLURRY weight.
- Used tools, shall be washed directly by water after use.

ECOLOGY

Do not dispose of into soil or water, but according to local regulations.

TOXICITY

Nontoxic.



و الاسكندرية - سموحة - شارع فوزي معاذ خلف مسجد علي ابن ابي طالب
 info@larseen.com ⋈ 034287178