

Technical Data

A.B.C.C.

Paints



شركة المصنع العربي لمنتجات مواد البناء

ARABIAN BUILDING CHEMICALS FACTORY CO.

Industrial Paints

Wood Stain

5183

PRODUCT DESCRIPTION

A premium quality synthetic wood stain based on alkyd resins. A full color system under various brands are available.

PRODUCT USE

For interior and exterior use.
Good color-retention properties.
Good penetration properties.
Good flow and drying properties
Good for protecting decorative wood.
Good weather resistant.
Easy to apply.

SUBSTRATES

Wood substrates.

CHARACTERISTICS

Color	Rose shade card or any color
Finish	Smooth
Gloss	Glossy
Density gm/cc	0.88 +/- 0.02
Volume Solids %	12%
Theoretical Coverage	12 sq. mt/ lt at 8-10 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 30 mins.
Drying Time (H/D)	2 hours.(max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	NA
Flash Point	38 deg. cel
Pot Life	NA
Overcoat Interval	Approx. 2-3 hours.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable, firm, dry and free from laitance, dust and loose flaking materials, loose old paints, dirt, grease, wax and any other contaminations. Moisture of the substrate should not be more than 17%.



Wood Stain

5183

PAINT SYSTEM ADVICES

a) For New Sustrates

Used as full system :

First coat diluted 20% with Rosalac Thinner and second coat diluted 10% with the same thinner.

Second coat should be with same varnish gloss diluted with 10% Rose Decor Thinner.

Third coat should be with Rose Gloss Varnish undiluted.

b) Old Sustrates

Can be applied provided the surface is made suitable for the varnish coat application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.

Ensure proper ventilation during application and drying.

Use mask during application.

Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	Ready for use
Recommended Thinner	Rosalac Thinner.

b) Air Spray

Volume of Thinner	10-15
Recommended Thinner	Rosalac Thinner.

c) Airless Spray

Volume of Thinner	NA
Recommended Thinner	NA

d) Cleaning Solvent

Rosalac Thinner.

Road Marking Paint

5262

PRODUCT DESCRIPTION

A quick drying high quality road marking paint based on synthetic resin. It is suitable for making lines, marking roads, car parks, play ground and also for high-lighting safety areas such as stairs.

PRODUCT USE

For interior and exterior use.
Good adhesion to concrete and asphalt.
Excellent hiding power.
Good flow and quick drying properties.
Very good resistance against water and oil.
Easy to apply.

SUBSTRATES

Concrete, masonry, cement rendering , plasters and asphalt

CHARACTERSTICS

Color	White or any requested color
Finish	Smooth
Gloss	Matt
Density gm/cc	1.50 +/- 0.02
Volume Solids %	46%
Theoretical Coverage	4.6 sq. mt/ lt at 100 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	15 mints.
Drying Time (H/D)	3-4 hours.(max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	NA
Flash Point	38 deg. cel.
Pot Life	NA
Overcoat Interval	Approx. 16 hours
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations.



Road Marking Paint

5262

PAINT SYSTEM ADVICES

a) For New Sustrates

The surfaces must be free from any sorts of contaminations .

b) Old Sustrates

Can be applied provided the surface is made suitable for the similar application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.
Ensure proper ventillation during application and drying.
Use mask during application.
Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	0-10%
Recommended Thinner	ABC Thinner

b) Air Spray

Volume of Thinner	10-20%
Recommended Thinner	ABC Thinner

c) Airless Spray

Volume of Thinner	0-5%
Recommended Thinner	ABC Thinner

d) Cleaning Solvent

ABC Thinner

NC Lacquer Matt Clear

5508

PRODUCT DESCRIPTION

A premium quality nitrocellulose clear lacquer based on S.O. alkyd resins applicable for all types of wood.

It is suitable as a top coat for all types of wooden surfaces.

PRODUCT USE

For interior use only.

Excellent adhesion to sanding sealer.

Provides excellent tough and more resistant finishes.

Quick drying with excellent depth with matt surfaces.

High viscosity and excellent durability.

Easy to apply.

SUBSTRATES

Natural wood, wood substitutes like particle boards, fiber board, etc.

CHARACTERISTICS

Color	Clear
Finish	Smooth
Gloss	Matt
Density gm/cc	0.96 +/- 0.02
Volume Solids %	20 %
Theoretical Coverage	8--9 sq. mt/ lt at 25 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 10 mints.
Drying Time (H/D)	30 mints. (max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	21 deg. cel
Pot Life	NA
Overcoat Interval	Approx. 1 hour.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable, firm, dry and free from laitance, dust and loose flaking materials, loose old paints, dirt, grease, wax and any other contaminations. Moisture of the substrate should not be more than 17%.



NC Lacquer Matt Clear

5508

PAINT SYSTEM ADVICES

a) For New Sustrates

Use Sanding Sealer. Sand the surface very lightly.
Do not use any filler if any open grains finish is required.
On the prepared surface apply one coat of Lacquer matt which has been thoroughly mixed with recommended ABC Thinner . Allow to dry it for 1 hour .Sand mildly and clean the surface. Apply 2nd coat for better and smooth finish.

b) Old Sustrates

Can be applied provided the surface is made suitable for the same application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.
Ensure proper ventilation during application and drying.
Use mask during application.
Avoid Spraying at high humidity.
Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	20-30%
Recommended Thinner	N.C Thinner.

b) Air Spray

Volume of Thinner	30-50%
Recommended Thinner	N.C. Thinner

c) Airless Spray

Volume of Thinner	10-20%
Recommended Thinner	N.C. Thinner.

d) Cleaning Solvent

N.C. Thinner.

NC Lacquer Gloss ABCC

5510

PRODUCT DESCRIPTION

A good quality clear nitrocellulose lacquers based on high gloss resin applicable for all types of wood. It is suitable as a top coat for all types of wooden surfaces.

PRODUCT USE

For interior use only.
Excellent adhesion to sanding sealer.
Provides excellent tough and more resistant finishes.
Quick drying with excellent depth with high gloss surfaces.
High viscosity and excellent durability.
Easy to apply.

SUBSTRATES

Natural wood, wood substitutes like particle boards, fiber board, etc.

CHARACTERSTICS

Color	Clear
Finish	Smooth
Gloss	Gloss
Density gm/cc	0.98 +/- 0.02
Volume Solids %	17%
Theoretical Coverage	7-8 sq. mt/ lt at 25 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 10 mints.
Drying Time (H/D)	30 mints. (max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	21 deg. cel
Pot Life	NA
Overcoat Interval	Approx. 1 hour.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations. Moisture of the substrate should not be more than 17%.



NC Lacquer Gloss ABCC

5510

PAINT SYSTEM ADVICES

a) For New Sustrates

Use Sanding Sealer. Sand the surface very lightly.
Do not use any filler if any open grains finish is required.
On the prepared surface apply one coat of Lacquer Gloss which has been thoroughly mixed with the recommended ABC Thinner . Allow to dry it for 1 hour .Sand mildly and clean the surface. Apply 2nd coat for better and smooth finish. Rubbing compound can be used for extra gloss.

b) Old Sustrates

Can be applied provided the surface is made suitable for the same application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.
Ensure proper ventilation during application and drying.
Use mask during application.
Avoid Spraying at high humidity.
Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	20-30%
Recommended Thinner	N.C Thinner.

b) Air Spray

Volume of Thinner	30-50%
Recommended Thinner	N.C. Thinner

c) Airless Spray

Volume of Thinner	10-20%
Recommended Thinner	N.C. Thinner.

d) Cleaning Solvent

N.C. Thinner.

NC Auto Gloss White

5521

PRODUCT DESCRIPTION

A high quality white nitrocellulose finishes based on high gloss resin applicable for all types of woods. It is basically used for the treatment of in-door and out-door furnitures and also for wooden surfaces, cars etc.

PRODUCT USE

For interior and exterior use.
Excellent covering capacity .
Very good scratch resistance.
Quick drying with excellent build-up.
Provides a though coating which gives a high gloss smooth surfaces.
Easy to apply.

SUBSTRATES

Natural wood, wood substitutes like particle boards, fiber board, etc.

CHARACTERSTICS

Color	White or any requested colors.
Finish	Smooth
Gloss	Gloss
Density gm/cc	1.10 +/- 0.02
Volume Solids %	32 %
Theoretical Coverage	11 sq. mt/ lt at 30 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 10 mints.
Drying Time (H/D)	30 mints. (max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	21 deg. cel
Pot Life	NA
Overcoat Interval	Approx. 1 hour.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations. Moisture of the substrate should not be more than 17%.



NC Auto Gloss White

5521

PAINT SYSTEM ADVICES

a) For New Sustrates

Use N.C. Filler to fill the wood grains. Sand and remove the excess putty .
Use a single coat of N.C. Primer Surfacer on the top of the filler. Sand the surface once it is dried.
On the prepared surface apply one coat of Gloss White which has been mixed with recommended N.C. Thiner. Allow to dry it for 2 hours. Sand mildly and clean it . Apply a 2nd coat and dry it as earlier. For exterior high gloss apply recommended polish used for NC finishes.

b) Old Sustrates

Can be applied provided the surface is made suitable for the same application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.
Ensure proper ventilation during application and drying.
Use mask during application.
Avoid Spraying at high humidity.
Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	20-30%
Recommended Thinner	N.C. Thinner.

b) Air Spray

Volume of Thinner	30-50%
Recommended Thinner	N.C. Thinner

c) Airless Spray

Volume of Thinner	NA
Recommended Thinner	NA

d) Cleaning Solvent

N.C. Thinner.

NC Primer Surfacer

5574

PRODUCT DESCRIPTION

A superior quality nitrocellulose primer surfacer based on NC- resin applicable for all types of woods. It is basically used for the treatment of in-door and out-door furnitures and also for wooden surfaces, cars etc.

PRODUCT USE

For interior and exterior use.
Excellent covering capacity .
Very good scratch resistance.
Quick drying with excellent build-up.
Provides a tough coating for the top coat.
Easy to apply.

SUBSTRATES

Natural wood, wood substitutes like particle boards, fiber board, etc.

CHARACTERSTICS

Color	White or any requested colors.
Finish	Smooth
Gloss	Matt
Density gm/cc	1.32 +/- 0.02
Volume Solids %	34 %
Theoretical Coverage	11 sq. mt/ lt at 30 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 10 mints.
Drying Time (H/D)	30 mints. (max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	21 deg. cel
Pot Life	NA
Overcoat Interval	Approx. 1 hour.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations. Moisture of the substrate should not be more than 17%.



NC Primer Surfacer

5574

PAINT SYSTEM ADVICES

a) For New Sustrates

Use N.C. Filler to fill the wood grains. Sand and remove the excess putty .
Use a single coat of N.C. Primer Surfacer on the top of the filler. Sand the surface once it is dried.
On the prepared surface any top can be applied.

b) Old Sustrates

Can be applied provided the surface is made suitable for the same application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.
Ensure proper ventilation during application and drying.
Use mask during application.
Avoid Spraying at high humidity.
Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	20-30%
Recommended Thinner	N.C.Thinner.

b) Air Spray

Volume of Thinner	30-50%
Recommended Thinner	N.C.Thinner

c) Airless Spray

Volume of Thinner	NA
Recommended Thinner	NA

d) Cleaning Solvent

N.C. Thinner.

NC Sanding Sealer Clear

5584

PRODUCT DESCRIPTION

A premium quality quick-drying nitrocellulose sealer clear which renders very fine sanding properties shortly after application. It provides excellent sealing properties through proper penetration inside the pores which results into excellent adhesion.

PRODUCT USE

For interior use only.
Excellent sealing properties.
Good penetration inside the pores.
Excellent holdout and fine sanding properties.
Quick drying.
Easy to apply.

SUBSTRATES

Wood substrates.

CHARACTERISTICS

Color	Clear eggshell color.
Finish	Smooth
Gloss	Matt to semi-gloss
Density gm/cc	0.98 +/- 0.02
Volume Solids %	22 %
Theoretical Coverage	8--9 sq. mt/ lt at 25 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 10 mints.
Drying Time (H/D)	30 mints. (max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	NA
Flash Point	21 deg. cel
Pot Life	NA
Overcoat Interval	Approx. 1 hour.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations. Moisture of the substrate should not be more than 17%.



NC Sanding Sealer Clear

5584

PAINT SYSTEM ADVICES

a) For New Sustrates

Sanding sealer is applied in 1 or 2 coats (wet on wet) on all kind of woods used for indoor applications.

Sanding sealer can not be used on a new and old enamel coatings.

Second coat should be with same varnish gloss diluted with 10% N.C. Thinner.

Third coat should be with Gloss Varnish undiluted.

b) Old Sustrates

Can be applied provided the surface is made suitable for the same application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.

Ensure proper ventillation during application and drying.

Use mask during application.

Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	20-30%
Recommended Thinner	N.C. Thinner.

b) Air Spray

Volume of Thinner	30-60%
Recommended Thinner	N.C Thinner

c) Airless Spray

Volume of Thinner	NA
Recommended Thinner	NA

d) Cleaning Solvent

N.C. Thinner.

NC Filler white ABCC

5593

PRODUCT DESCRIPTION

A high quality quick drying nitrocellulose filler which renders very fine sanding properties. It provides a smooth under-coat for nitrocellulose finishes. Suitable for both nitrocellulose and acrylic systems.

PRODUCT USE

Excellent filling capacity.
Smooth and easy to apply.
Quick drying properties.
Easy to sand.

SUBSTRATES

Natural wood, wood substitutes like particle boards, fiber board, etc.

CHARACTERSTICS

Color	White or any requested colors.
Finish	Smooth
Gloss	Matt
Density gm/cc	1.42 +/- 0.02
Volume Solids %	38 %
Theoretical Coverage	Approx. 0.85 kg/sq. mt. micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	NA
Drying Time (S/D)	Approx 10 mints.
Drying Time (H/D)	30 mints. (max)
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	21 deg. cel
Pot Life	NA
Overcoat Interval	Approx. 1 hour.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations. Moisture of the substrate should not be more than 17%. Sand the wooden surface and remove excess filler.



NC Filler white ABCC

5593

PAINT SYSTEM ADVICES

a) For New Sustrates

Stir well and apply N.C. Filler directly on the well sanded wood surface with putty knife, stopping knife. After thorough drying, sand with emery paper no.220 till the filler remains in grains only. 2nd coat can be applied if it is required . Sand the surface lightly with emery paper no. 320 for smooth surface before applying the primer surfacer.

b) Old Sustrates

Can be applied provided the surface is made suitable for the same application.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.
Ensure proper ventilation during application and drying.
Use mask during application.
Avoid Spraying at high humidity.
Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	Ready for use.
Recommended Thinner	Not recommended.

b) Air Spray

Volume of Thinner	VA
Recommended Thinner	NA

c) Airless Spray

Volume of Thinner	NA
Recommended Thinner	NA

d) Cleaning Solvent

N.C Thinner.

Polyurethane Clear Varnish Acrylic

5602

PRODUCT DESCRIPTION

A premium quality 2 pack polyurethane high gloss clear based on acrylic polyols and isocyanate resins. It provides excellent gloss, chemical and weather resistance to the substrate coats.

PRODUCT USE

For interior and exterior use.
Excellent resistance to atmospheric exposure.
Excellent water and chemical resistant.
Excellent color and gloss retention.
Resistant to splash and spillage of mild chemical and solvent.
Excellent non-yellowing .
Good abrasion and impact resistant.
Unsaponifiable and alkali resistant.
Easy to apply.

SUBSTRATES

Steel , metal and concrete surfaces.

CHARACTERSTICS

Color	Clear
Finish	Smooth
Gloss	High-gloss
Density gm/cc	0.98 +/- 0.02
Volume Solids %	35 %
Theoretical Coverage	17.5 sq. mt./lt.at 20 micron DFT(depends upon the substrate conditions and nature of applications)
Mixing Ratio	4:1 = Base : Hardner
Drying Time (S/D)	Approx 2 hours
Drying Time (H/D)	6-8 hours
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	28 deg. cel.
Pot Life	5-6 hours 30 deg.cel.
Overcoat Interval	16 hours.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations.



Polyurethane Clear Varnish Acrylic

5602

PAINT SYSTEM ADVICES

a) For New Sustrates

New substrate must be dry , free from any loose materials, wax, grease and other contaminations. Smooth surfaces must be sanded properly before application of any pu system.

b) Old Sustrates

Old paint must be removed by physical methods. After removal of old paint , the surface should be cleaned thoroughly.

Make the surface is dry before the application of pu clear coat.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application.

Ensure proper ventillation during application and drying.

Substrate temperature should be above 4 deg.cel.

The temperature of the mixed paint should be above 15 deg.cel.

Too much solvent will result in lower sag resistance and slower curing.

Thinner should be added after proper mixing of base and hardner.

Use mask whiling application.

Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	5-10%
Recommended Thinner	P.U. Thinner

b) Air Spray

Volume of Thinner	10-15%
Recommended Thinner	P.U. Thinner

c) Airless Spray

Volume of Thinner	0-10%
Recommended Thinner	P.U. Thinner

d) Cleaning Solvent

P.U. Thinner

Epoxy Top Coat gloss

5711

PRODUCT DESCRIPTION

A premium quality 2 pack epoxy high gloss based on epoxy and polyamide resins. It provides excellent chemical resistance to the substrate coats.

PRODUCT USE

Can be used as general purpose finish coat.
Good flow properties.
Resistant to splash and spillage of mild chemicals and solvents.
Unsaponifiable and alkali resistant.
Good abrasion and impact resistant.
Easy to apply.

SUBSTRATES

Steel , metal and concrete surfaces.

CHARACTERISTICS

Color	White or any requested colors.
Finish	Smooth
Gloss	Gloss
Density gm/cc	1.17 +/- 0.02
Volume Solids %	Approx. 52%
Theoretical Coverage	17 sq. mt. / lt at 30 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	3:1 = Base : Hardner
Drying Time (S/D)	Approx 2 hours
Drying Time (H/D)	6-8 hours
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	28 deg. cel.
Pot Life	5-6 hours at 30 deg. cel.
Overcoat Interval	16 hours.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations.



Epoxy Top Coat gloss

5711

PAINT SYSTEM ADVICES

a) For New Sustrates

New substrate must be dry , free from any loose materials, wax, grease and other contaminations. Smooth surfaces must be sanded properly before application of top coat system. If previous coat is exposed longer it should be roughened prior to the application of next coat.

b) Old Sustrates

Old paint must be removed by physical methods. After removal of old paint , the surface should be cleaned thoroughly. Make the surface dry before the application of epoxy top coat.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application. Ensure proper ventillation during application and drying. Substrate temperature should be above 4 deg.cel. The temperature of the mixed paint should be above 15 deg.cel. Too much solvent will result in lower sag resistance and slower curing. Thinner should be added after proper mixing of base and hardner. Use mask whiling application. Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	5-10%
Recommended Thinner	Epoxy Thinner

b) Air Spray

Volume of Thinner	10-15%
Recommended Thinner	Epoxy Thinner

c) Airless Spray

Volume of Thinner	0-10%
Recommended Thinner	Epoxy Thinner

d) Cleaning Solvent

Epoxy Thinner

Epoxy Flooring

5741

PRODUCT DESCRIPTION

A premium quality 2 pack epoxy flooring primer based on epoxy and polyamide resins. It provides high-build and high-performance in atmospheric exposure. Ideally suitable for exterior and interior floor in harsh environments particularly useful on uneven surfaces.

PRODUCT USE

For interior use
Good flow properties.
Resistant to splash and spillage of mild chemicals and solvents.
Unsaponifiable and alkali resistant.
Can be used as primer, build-coat and finish as part of concrete flooring system.
Easy to apply.

SUBSTRATES

Steel , metal and concrete surfaces.

CHARACTERISTICS

Color	White or any requested colors.
Finish	Smooth
Gloss	Matt to semi-gloss
Density gm/cc	1.46 +/- 0.02
Volume Solids %	Approx 60%
Theoretical Coverage	6 sq. mt. / lt at 100 micron DFT (depends upon the substrate condition & method of application)
Mixing Ratio	3:1 = Base : Hardner
Drying Time (S/D)	Approx 2 hours
Drying Time (H/D)	6-8 hours
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	28 deg. cel.
Pot Life	5-6 hours at 30 deg.cel.
Overcoat Interval	16 hours.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations.



Epoxy Flooring

5741

PAINT SYSTEM ADVICES

a) For New Sustrates

New substrate must be dry , free from any loose materials, wax, grease and other contaminations. Smooth surfaces must be sanded properly before application of flooring system. If previous coat is exposed longer it should be roughened prior to the application of next coat.

b) Old Sustrates

Old paint must be removed by physical methods. After removal of old paint , the surface should be cleaned thoroughly. Make the surface dry before the application of epoxy flooring.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application. Ensure proper ventilation during application and drying. Substrate temperature should be above 4 deg.cel. The temperature of the mixed paint should be above 15 deg.cel. Too much solvent will result in lower sag resistance and slower curing. Thinner should be added after proper mixing of base and hardner. Use mask during application. Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	10-15%
Recommended Thinner	Epoxy Thinner

b) Air Spray

Volume of Thinner	15-20%
Recommended Thinner	Epoxy Thinner

c) Airless Spray

Volume of Thinner	0-15%
Recommended Thinner	Epoxy Thinner

d) Cleaning Solvent

Epoxy Thinner

Epoxy Zp Primer white

5751

PRODUCT DESCRIPTION

A superior quality 2 pack epoxy zinc phosphate primer based on epoxy and polyamide resins.it provides very good resistance and anti-corrosive properties to the substrate coats.

PRODUCT USE

Good adhesion to the non-ferrous metals.
Good adhesion to properly cleaned steels.
Goodflow properties.
Good wetting properties .
Good chemical and water resistance.
Can be overcoated with alkyd, chlorinated rubber,pu systems etc.
Easy to apply.

SUBSTRATES

Steel , metal and concrete surfaces.

CHARACTERSTICS

Color	White or any requested color
Finish	Smooth
Gloss	Matt
Density gm/cc	1.50+/- 0.02
Volume Solids %	Approx. 49%
Theoretical Coverage	11 sq. mt. / lt at 50 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	3:1 = Base : Hardner(5785)
Drying Time (S/D)	Approx 2 hours
Drying Time (H/D)	6-8 hours
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	28 deg. cel.
Pot Life	5-6 hours at 30 deg.cel.
Overcoat Interval	12 hours.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations. Prepare weld seam, cut, burnt or corroded areas according to ISO-St2.

Remove weld spatters, round off sharp edges. Remove all contaminations by means of blast cleaning.



Epoxy Zp Primer white

5751

PAINT SYSTEM ADVICES

a) For New Sustrates

New substrate must be dry , free from any loose materials, wax, grease and other contaminations. Smooth surfaces must be sanded properly before application of primer. If previous coat is exposed longer, it should be roughened prior to the application of the next coat.

b) Old Sustrates

Old paint must be removed by physical methods. After removal of old paint , the surface should be cleaned horoughly. Make the surfaces dry before the application of further primer coat.

APPLICATION DETAILS

Primer should be mixed thoroughly before the application. Ensure proper ventillation during application and drying. Use mask during application. Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	5-10%
Recommended Thinner	Epoxy Thinner

b) Air Spray

Volume of Thinner	10-15%
Recommended Thinner	Epoxy Thinner

c) Airless Spray

Volume of Thinner	5-10%
Recommended Thinner	Epoxy Thinner

d) Cleaning Solvent

Epoxy Thinner