



Koresil 401

Koresil 401 is a solvent based, high performance methyl methacrylate pigmented alkali resistant wall primer / sealer for application over new and old concrete masonry wall. Koresil 401 exhibit excellent alkali resistant and can be apply over fresh concrete after 7 days curing and at pH less than 13. It has outstanding adhesion properties to provide a highly effective sealer coat for the subsequent topcoat.

Recommended Use : Koresil 401 is usually used as a premium primer / sealer for exterior application together with recommended KCC topcoats, especially Korevon or Korever exterior paint finishing for both new buildings and repainting job. Koresil 401 can also be used on after 7 days “fresh concrete substrate” or pH 13 for fast track project.

Technical Information

Vehicle Type	: Synthetic Resin
Finish	: Matt
Component	: Single pack
Color	: White, and custom color possible on request. <small>(Please consult your KCC representative)</small>
Volume Solids	: White 35%
Drying By	: Solvent Evaporation
Flash Point	: 27 deg. C
Specific Gravity	: 1.15, varies depend on colors
Dry Film Thickness (Dft)	: 30 - 40 microns / coat
Viscosity (ASTM D-562)	: 70 KU (±5)
Shelf Life	: Minimum 1 year - unopened

Application Details

Apply Over	: Concrete Masonry / Previously Painted Surfaces
Topcoat / Finishing	: Korever / Korevon
Application Methods	: Brush / Roller / Spray
Wet Film / Coat	: Approx. 80 - 100 microns
Dry Film / Coat	: Approx. 30 - 35 microns
Drying Time	: Touch 60 mins Recoat 120 mins
Theo. Spreading Rate	: Approx. 12 m ² / litre*, may vary depending on roughness and porosity of substrates
No of coats	: 1 - 2 coats
Clean Up	: Thinner
Packaging	: 5.0 / 20 litres

* When estimating paint quantity, please make provision for spray or application losses since spreading rate may vary depending on the surface roughness and porosity of the substrate.

Surface Preparation

New Masonry Substrates

Allow all new surfaces to dry out thoroughly, preferably for at least 28 days drying time or check moisture content for less than 12%. Surface imperfections, misalignments and protrusions shall be made good and patched up. Koresil 401 can also be applied over fresh concrete masonry subject to fresh concrete must be allowed to cure for at least 7 days and pH less than 13.

Previously painted surface

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. Treat any areas affected by mould, lichens, algae and moss with "KCC Fungicidal Solution". Make good minor defects with an appropriate suitable exterior putty sealant.

Typical Painting System

<u>Substrate</u>	<u>1st coat (Sealer)</u>	<u>Finishing (2 Coats)</u>
New Masonry	Koresil 401	Korever / Korevon
Previously Painted Surface	Koresil 401	Korever / Korevon

Application

Stir thoroughly to a uniform consistency before use. Thinning is normally not necessary, however if required except for absorbent surfaces and better workability, thin with a small quantity of thinner may be added.

Suitable for application by brush, roller or spray. Apply paint evenly by brush or roller, and avoid any missing areas. Spraying is recommended, and typical equipment, especially airless spray should employ a fluid tip / needle size at least 0.021".

Cleaning

Remove as much product as possible from application equipment before cleaning. Clean equipment immediately after use with solvent and rinse thoroughly. Do not empty product into drains or watercourses. Replace lid firmly.

Technical Services

KCC maintains a technical division to investigate and advise on all problems related to our product application. The division will advise on the correct selection of and specification for the required painting system. Contact the division through KCC Sales department.

Safety Precaution

- This product is flammable.
- Ensure good ventilation during application and drying.
- Avoid contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water.
- When spray, do not breathe in spray mist, wear suitable respiratory protective equipment.
- Keep out of reach of children.

Disclaimer : The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.