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PRODUCT DATA SHEET

Rev. 0

P.D.S.

EDGECRETE Acrylic Primer and Surface Sealer

DESCRIPTION :

Edgechem EdgeCrete is a Premium Quality 100% Acrylic Primer and Surface Sealer for all properly prepared interior/exterior masonry and concrete substrates. This ready to use product has excellent filling properties, good alkali and efflorescence resistance and provides a smooth, level and suitable base for subsequent coats to easily adhere to (Topcoat).

EdgeCrete can be applied to masonry and concrete surfaces, which have been cured for at least seven (7) days and has a maximum pH of 13. EdgeCrete can be top-coated with all Edgechem water-based (Latex) and oil-based (Alkyd) finishes.

PERFORMANCE FEATURES :

- Durable interior & exterior acrylic finish
- Low odour and non-toxic
- Good alkali and efflorescence resistant
- Easy to apply and provides a smooth and level finish
- Excellent adhesion, filling properties and flow ability
- Ready to use on all properly prepared masonry and concrete substrates
- Can be top-coated with all Edgechem Latex and Alkyd Finishes.

PHYSICAL CHARACTERISTICS :

- | | | |
|--------------------|---|------------------------------------|
| • Colour | : | White |
| • Finish | : | Low Luster |
| • Gloss | : | $\leq 10^\circ$ @ 60° angle |
| • Viscosity | : | ~ 228 P |
| • Flash Point | : | Water-based |
| • Weight by Solids | : | 72.0% \pm 2.0% |
| • Volume by Solids | : | 50.0% \pm 2.0% |

COVERAGE RATE :

~ 90 ft²/gal or 2.20 m²/liter @ 6 mils WFT dependent on surface porosity, irregularity and method of application.

SUGGESTED USES :

Recommended to be applied on properly prepared masonry and concrete surfaces. also, can be applied on wood, drywall, brick and other compatible substrates. ideal for apartments, condominiums, hospitals, schools, resorts and residential homes.

EDGECRETE Acrylic Primer and Surface Sealer

SURFACE PREPARATION :

Surface must be properly;

CLEAN i.e. Free of Contaminants (dirt, grease, wax, rust, mildew, fungus, chalking, efflorescence and peeling/loose paint).

DRY i.e. Surface should be thoroughly dry (Moisture-free).

DULL i.e. Surface should be de-glossed/flattened (glossy surface must be sanded or roughened by using an appropriate etching product).

NB If required, fill nail holes, cracks and open seams with Edgechem EDGEKOTE Veneer Wall Plaster, then sand appropriately to acquire a smooth and even finish.

APPLICATION :

Stir EDGECRETE thoroughly to give a smooth and even consistency before application.

For severe alkalinity (curing time ≥ 7 days with $\text{pH} \leq 13$) and efflorescence conditions :

Apply 2 coats (NO reduction) using a Brush, Roller or Squeegee/Plastic Spreader @ 6 mils wet film thickness per coat, allowing minimum of 2 hours or up to 24 hours recoat time (dependent on film thickness, temperature and relative humidity).

For new and properly prepared surface with over 30 days cured-concrete and less than 13pH :

Apply 1 coat (NO reduction) @ ~ 6 - 8 mils wet film thickness allowing a minimum of 2 hours or up to 24 hours before top-coating (dependent on film thickness, temperature and relative humidity).

If spraying, reduction of up to 1 pint of water per gallon is allowed (Airless Spray Equipment with spray pressure of 1800-2400psi and spray gun tip of 0.015-0.021" is recommended).

NB (Tools & Equipment MUST be clean immediately after spraying application and Spatters should be removed immediately with clean water.

Drying Time @ 25° and 70% RH

To Touch : ~ 45 minutes (Dependent on film thickness, temperature and relative humidity)

To Recoat : After 2 Hours (Dependent on film thickness, temperature and relative humidity)

Hard Dry : 24 Hours (Dependent on film thickness, temperature and relative humidity)

SHELF LIFE

2 Years

CLEAN-UP

Wash out brush, roller and equipment immediately after use with soap and clean water.