

DUROPRIME DSP



DESCRIPTION

DUROPRIME DSP is a water based, ready-to-use silicate/acrylic primer which is highly versatile for priming, stabilising, consolidating and sealing porous and dense mineral substrates like masonry, concrete, screeds, lime and cement renders, bricks and stone surfaces prior to painting with water-based coatings and membranes. It penetrates and binds mineral and cementitious substrates by chemical reaction called "Silification" to produce uniform in separable bonding with the mineral substrate.

It can be applied by brush, roller or low-pressure spray.

FEATURES AND BENEFITS

- Single component which easily spreads and quick drying
- Helps stop efflorescence
- Binds and consolidate friable cementitious substrate
- Enhances adhesion and bond of the waterproofing membranes to the mineral substrate
- Good wetting and adhesion properties
- Non-flammable
- Reduces substrate porosity through crystalline technology
- Increases strength within cementitious substrates

USES

- As a primer on concrete roof tiles, concrete, fibro, and other mineral/cementitious surfaces prior to the application of membrane products for exterior and interior applications.
- Stabilize and consolidate aged and dusty concrete surfaces
- Encapsulation of asbestos cement sheeting/ asbestos containing substrates

TECHNICAL DATA

Appearance	Milky white, water-thin
Odour	mild
Solid content (weight)	25%
Density	1.05 kg/li
Tack Free Time (@ 25°C)	10 minutes
Recoat time	45 min
VOC (calculated)	34 g/l

LIMITATIONS

- Not to be used as a primer for solvent-based products.
- Repriming may be required if left more than 72 hours or if the area has been introduced to site contaminants that would interfere with proper adhesion.
- Not suitable to prime metals, wood materials (MDF, OSB), plastics and non-adhesive, plastic-elastic old paints.
- Not suitable for use or as waterproofing membrane / coating.
- Not suitable where there is rising damp under the cementitious substrate.

PACKAGING

4 Litre and 15 Litre

COLOURS

When wet: milky white

When dry: transparent clear



PRODUCT INFORMATION

Coverage rate will depend on the porosity of the substrate.

Approximately 13m²/L at 75 um wft

SHELF LIFE

Approximately 12 months in unopened containers stored in a cool, dry place.

SURFACE PREPARATION

- Surfaces must be clean, smooth, dry and free from laitance, grease, oil, wax or any loose contaminating material.
- Concrete substrates must not contain surface moisture greater than 10%. Use Tramex CME 4 Moisture meter. Additional concrete testing maybe be required depending on concrete construction and job site location.
- Sand & cement screeds and polymer modified renders must have cured for a minimum 7 days.

MIX PREPARATION

Mix Process

Ready-to-use

APPLICATION

- Apply primer according to the recommended coverage rate with paintbrush or roller or spray. Allow the primer to dry for a minimum of 45 minutes and a maximum of 2 hours, at temperatures of 25°C and above; the primer must be touch dry. Longer drying times will be required at lower temperatures. Priming should only be carried out on surfaces which will be covered with membrane on the same day.
- Drying times will vary depending on humidity, surface temperature and porosity of substrates.

CLEAN-UP & RETURN TO SERVICE

Water can be used to clean up excess product, spills and tools while product is wet. When fully cured, tools and spills can be only removed mechanically or by solvent.

HEALTH & SAFETY PRECAUTIONS

- DUOPRIME DSP is a non-hazardous and non-dangerous product.
- The Safety Data Sheet (SDS) must be read and understood prior to use.

STORAGE CONDITIONS:

Store in dry, weatherproof environment, protected from direct sunlight at temperatures between +5 °C and +25 °C.

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