

DUROPRIME™ U200

100% SOLIDS PRIMER



DESCRIPTION

DUROPRIME™ U200 is a two-component, solvent free, epoxy primer for use on concrete, including outstanding adhesion to damp concrete. DUROPRIME™ U200 uses premium epoxy resins and curing agents to produce a low-viscosity, clear, yet tough and durable finish.

FEATURES

- Non-hazardous – solvent free, non-corrosive, non-flammable product for cheaper, easier and faster transport
- Potable water approved under AS/NZS 4020
- Field-friendly – mix ratio tolerance and long storage life, combined with surface/moisture tolerance gives a truly field-friendly product
- Good tolerance to low temperatures
- Can be applied onto dry, damp or even wet surfaces, as it is completely moisture tolerant
- Clear formula on does not impact on colour of underlying aggregate or coating
- Clear, yet very durable
- Low viscosity, slow curing product ideal for sealing applications as it allows deep penetration to give a thorough seal
- Solvent free - means product can be applied in confined spaces with no need for ventilation equipment
- 100% solids – means long shelf life (do not have to use all at once) and no shrinkage in the coating film

TECHNICAL INFORMATION

Colour Clear Amber

Mix Ratio by Volume (Part A : Part B) 3 : 1

Touch Dry Time at 25°C (Hrs) 3 - 4

Solids Content (%) 100

Theoretical Coverage 1 Litre 4 - 6m

Recommended Dry Film Thickness (DFT) (mm) 0.1 - 0.2

SURFACE PREPARATION

New concrete surfaces should be allowed to cure for a minimum of 28 days. Old, damaged and/or heavily contaminated concrete surfaces should be degreased with an appropriate agent/detergent and repaired with DUROPRIME™ U200 prior to surface preparation. Diamond grind, shot-blast or water-blast (3000 psi) is required to obtain a clean, granular feel. Properly prepared surfaces should be structurally sound and free of laitance, efflorescence, glaze and any loose or bond-inhibiting curing compounds. Ensure prepared surface is clean and dust-free again if there is a delay between preparation and application.



MIX PREPARATION

You do not have to mix the entire product at once as shelf life is very long. Mix DUROPRIME™ U200 at the stated ratio of 3:1. Add Part B to Part A and mix with a power agitator until a consistent appearance/colour is obtained.

APPLICATION

DUROPRIME™ U200 is best applied by siphon or pressure pot spray equipment. Airless spray equipment may be used, provided a minimum of 100Qm DFT is applied.

CURE TIME

Cure time is based on 100Q - 200Q dry film thickness. Excessive film thickness, cooler temperatures or poor ventilation may require longer cure times resulting in premature failure

	50 – 60°F (10 – 15°C)	70 – 80°F (21 – 27°C)	90 – 100°F (32 – 38°C)
Surface Dry	12 – 20 hrs	6 – 10 hrs	3 – 5 hrs
Hard Film	36 – 44 hrs	18 – 22 hrs	9 – 11 hrs
Recoat (min)	36 – 44 hrs	18 – 22 hrs	9 – 11 hrs
Recoat (max)	90 hrs	45 hrs	23 hrs
Full cure	16 days	8 days	4 days

CLEAN-UP AND RETURN TO SERVICE

Clean all mixing and application equipment immediately after use with MEK, Acetone or Methylated Spirits.

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