



Duraprime

Duram Duraprime is a water-based epoxy primer that treats and seals surfaces in preparation for later waterproofing. It can be used on both damp and dry surfaces and is especially effective for priming new concrete as it penetrates the surface, forming a strong, waterproof bond and allowing for easy overcoating. Duraprime is a twin pack, water-based epoxy primer of brushable consistency for clean cementitious surfaces.

Colours: N/A

PRODUCT USES

You can use Duram Duraprime to:

- Prime damp and dry surfaces and bituminous surfaces before application of Duram 195, Duram Durapond, Duram Rainkote Fibre-Tech and Duram Durabak.
- Seal screeds.

ADVANTAGES

- Easy to apply - no skilled labour required.
- Can be applied to damp surfaces.
- Compatible with most surfaces.
- Economical and no specialised equipment is required.

COVERAGE

- 5 - 7m² per litre per coat. Applied in a 1 coat application.
- Coverage will vary depending on the porosity and profile of the surface.

SURFACE PREPARATION

- All cementitious surfaces to be laid to fall. Damage to be repaired and returned to sound condition.
- Remove loose grit.
- Whilst application may be made to damp surfaces (e.g. new concrete) they must not be wet.
- Moisture content of less than 10% is recommended to allow sufficient penetration of primer into concrete.
- To test for excessive moisture, cover area overnight with a plastic sheet and observe condensation on the plastic sheet or a noticeable discolouration of the concrete.

APPLICATION

- Mixing:
 - Add part A to part B. Mix thoroughly to a uniform milky colour. Mixing ratio 1: 2, 5 by volume.
 - Total contents of part A and part B must be mixed together. No variation to this ratio is acceptable.
- Application:
 - Apply thinly by brush or roller.
 - The compound becomes clear when dry and can then be overcoated.
 - As a primer only one coat is required.
- Overcoating:
 - It is important that any overcoat be applied to Duram Duraprime while still tacky. Once fully cured inter-coat adhesion may be reduced.
 - Duraprime can be overcoated with Duram 195, Duram Durapond, Duram Rainkote Fibre-Tech, Duram Durabak and Epoxies.

CLEANING

- Utensils, hands can be cleaned with water while still wet.

SAFETY PRECAUTIONS

- Wet Duram Duraprime is toxic but not flammable.
- Once cured these materials are non-toxic, inert and harmless.
- Always wear gloves when working with Duraprime and provide adequate ventilation.
- Avoid excessive inhalation and skin contact.
- If material is splashed in the eye, wash with copious quantities of water and obtain medical attention.

TECHNICAL DATA

Pack size	1 litre, 5 litre
No components	2
Mixing ratio	Part A and Part B 1: 2,5 by volume
Touch drying time	1 to 8 hours
Overcoating time	3 to 6 hours while still tacky
Curing time	4 to 12 hours depending on conditions
Pot life	4 hours at 25°C
Volume Solids	22% to 24%
Service Temperature	0°C to 40°C
Application temperature	5°C to 40°C
Flash Point	Non flammable
Density	1,03 g/cm ³
Toxicity	Toxic in wet state
Fire Hazard	None
Cleaner	Water when wet
Shelf life	24 months
Storage	Cool dry conditions

Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.

Updated: July 2011 (this supercedes all previous publications)