MasterTop® 1116

Water based epoxy primer

MATERIAL DESCRIPTION

MasterTop 1116 is a two-component grey coloured water-based epoxy primer/moisture barrier for use with MasterTop levelling systems and MasterSeal waterproofing systems. The product has low odour and is non-flammable.

AREAS OF APPLICATION

MasterTop 1116 is recommended as a primer for MasterTop floor levellers and MasterSeal waterproofing membranes. MasterTop 1116 moisture barrier forms a sound surface for polyurethanes to adhere to and provides excellent adhesion to concrete, metal and wood.

CHARACTERISTICS AND BENEFITS

- **Water-based** - suitable for damp substrates.
- **Moisture barrier** – blocks moisture from moving through the substrate allowing the installation of levelling materials where there is a risk of moisture coming through the slab during curing.
- **Primer for non-porous substrates** – used as part of MasterSeal system.

PROPERTIES

Colour:	Grey
Consistency:	Fluid
Application life:	1-2 hours at 25°C 50% relative humidity
Recoat time:	4 hours at 25°C
Coverage:	3-5m²/litre Yields 0.1mm DFT
Solid content:	48% solids by weight
Mixing ratio (A/B):	1 to 1 by volume
VOC content SCAQMD method 304-91	97 grams/litre
Water Vapour Transmission ASTM E96	1.4g/24h/m² 1 coat 0.8g/24h/m² 2 coats (0.3mm DFT)
Hydrostatic pressure resistance	250kpa/25m head of water pressure

APPLICATION

All surfaces which are to be coated with **MasterTop 1116** must be surface dry, free of contamination such as curing compounds, concrete sealers, bond breakers, paint, etc. All surfaces must be sound. Captive shotblasting or scarifying is recommended.

Mixing

Mix all of Part A with Part B. Do not use part kits.

Placing

When using **MasterTop 1116** as a moisture barrier two coats must be applied.

If the **MasterTop 1116** is being used as a primer over a non-porous substrate such as tiles or terrazzo ensure that the MasterTop floor leveller is applied whilst the **MasterTop 1116** is still tacky.

Do not apply the primer too thickly. All surfaces should be surface dry before application. The **MasterTop 1116** should be allowed to tack off before being recoated or a further coating applied. If for some reason the primer is allowed to totally cure to a hard glass-like finish, or if overcoating exceeds 5 days, the surface should be sanded and another coat of **MasterTop 1116** applied before overcoating. May be applied by brush, roller or spray.

ESTIMATING DATA

Approximately 4m²/litre is the recommended coverage rate, however, porous surface conditions will require more material. Do not over apply the primer.

CLEANING

Clean tools with detergent and water. Use disposable roller cover and discard properly after use.

PACKAGING

MasterTop 1116 is supplied in a 20L kit consisting of:

MasterTop 1116 Part A: 10 litres

MasterTop 1116 Part B: 10 litres

SHELF LIFE

MasterTop 1116 can be stored in tightly closed original containers for 12 months at moderate temperature.

PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

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DISCLAIMER

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