



MULTITHANE® Primer 21

1-K Polyurethane Primer for Concrete, Wood and Metal

INTRODUCTION:

Multithane Primer 21 is a single component polyurethane based primer and sealer for porous surface.

USES:

Multithane Primer 21 is used as priming or sealer coat for concrete, wood or metal to provide protection moisture, oil, fuel and other chemical protection. While using **Multithane**, **Flexithane**, **Floorkrete** and **Aquathane** products, **Multithane Primer 21** is always used as base coat.

TYPICAL CHARACTERISTICS:

Nature	One Component Ready to Use Material
Colour	Clear brownish liquid
Hard dry time at 30°C	3 to 10 hours
Complete curing time at 30°C	3 days
Recoat ability time at 30°C	4 to 5 hours
Finish	Smooth and matt
Coverage	6-10 m ² /kg (as per roughness or porosity of surface)25-50 micron thickness
Application of top coat	After 3 (or touch dry but before 12 hours)
Recommended Coats	1 to 2 coats depending upon the substrate absorption
Packing	1 kg, 5 kg, 20 kg

APPLICATION:

The dry film thickness (DFT) of **Multithane Primer 21** should not be less than 25 micron or more than 50 micron for each coat. Rough or textured surfaces will reduce the coverage rate and consequently more material must be allowed to achieve the





MulTiThane® Primer 21

1-K Polyurethane Primer for Concrete, Wood and Metal

minimum D.F.T. In the case of two coat application it is important to recoat within 24 hours of the first coat becoming sufficiently cured to allow operator access.

METHOD

1. Remove all loose material by vigorous brushing, wire brush if necessary.
2. Treat any remaining fungal growth with proprietary fungicide as recommended.
3. Allow surface to dry thoroughly and any moisture contained in the structure to evaporate. **Multithane Primer 21** should not be applied to damp substrates.
4. Fill cracks and voids with a mastic sealant or similar products such as **Crackfix** or **Multiflex PU**.
5. Apply **Multithane Primer 21** by brush or roller (6-10 m²/kg) depending on substrate texture and porosity which cures to a slightly tacky film in 1-4 hours. Overcoat with **Multichem** topcoats as soon as possible after this time and certainly within 24 hours. If delay exceeds this, re-priming is advised.
9. Aromatic hydrocarbon solvent should be used to clean equipment etc.

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C.

WARRANTY

Multichem warrants **Multithane** products to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **Multithane** products.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of **Multithane** products.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.



MULTICHEM GROUP | 1, Kirtida Bungalow, Nahur Stn. Road, Bhandup (E), Mumbai-400042,
Phone No.: 91-22-25669137, 25664890, e-mail: info@multichemgroup.net
www.multichemgroup.net,

Multithane Primer 21/2016/R1-03-03-2017