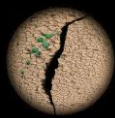




TDS



Technical Data Sheet

Category:
EarthTechnology:
MMA

Product: ElePrufe MMA Top Coat

MMA Based System Top Coat for EPM systems.

A premium quality, tough-flexible, liquid-tight top layer for our MMA floor or membrane systems with excellent adhesion, high mechanical resistance, very high wear resistance, high reactivity and fast curing, even at low temperatures.

Advantages

- ☐ Fast curing
- ☐ Applicable at low temperature
- ☐ Unpigmented or coloured (special order).
- ☐ Good impact and wear resistance
- ☐ UV resistant
- ☐ Tough, flexible

Applications

- ☐ Concrete floor slabs and roofs.
- ☐ Balconies and terraces.
- ☐ For roofs applications.
- ☐ Waterproofing of Wet Areas (under-tile) in bathrooms, kitchens, balconies, auxiliary rooms
- ☐ Car Park coating system
- ☐ High traffic resistant applications

SURFACE PREPARATION:

The top layer must only be placed on another already cured EPM MMA based system. For preparation of the substrate prior to applying this material please refer to **ElePrufe MMA Damp Surface Primer** or **ElePrufe Liquid PUMA Membrane**.

MIXING:

Mix the product well before use. Dispense an amount of resin that can be processed within 15 minutes. For colouring the unpigmented version best results are to use 3-5% of our own **ElePrufe Pigment Paste**. Add the required amount of pigment and catalyst to the resin. Mix with a slow speed drill, taking care not to entrain air through the mixing process area. Exceed the minimum application layer thickness (0.6 kg/m²) to ensures full through cure. If applicable, a second, optional seal is recommended at 0.5 kg/m². It is important to only mix enough material that can be applied within the pot life guidelines given. Add 1 to 5 % curing powder and mix thoroughly. Catalyst is supplied separately.

Temperature	Dosage %	CATALYST per 1kg Primer
0°C	5%	50 g
5°C	4%	40 g
10°C	3%	30 g
20°C	2%	20 g
30°C	1%	10 g

COVERAGE:

Typical consumption on a smooth surface is 0.35 kg/m². Consumption on an anti-slip surface broadcasted with colour quartz grain 0,8 - 1,2 mm. grain size; 0.6 kg/m². Refer to the relevant EPM specification for details.





TDS



Technical Data Sheet

Product: ElePrufe MMA Top Coat

APPLICATION:

The top coat is evenly distributed with a rubber squeegee or a shorthaired paint roller. Apply sufficient top coat to create a tight top layer. Pot life of **ElePrufe MMA Top Coat** is 10-15 minutes. Do not disturb the paraffin layer that occurs during curing. After 1 hour (at 20 °C) a second layer can be applied if necessary.

CLEANING AND MAINTENANCE:

Clean the used tools with SOLVENT MEK or ethyl acetate before the curing of the MMA Top Coat. Residues of cured products can only be removed mechanically.

STORAGE AND SHELF LIFE: Store MMA products in a dry, well-ventilated storage area between +5 and +35 °C. Shelf life: 6 months after production date. Do not discharge into groundwater, surface water of sewers. Dispose of contaminated packaging and residues in accordance with the applicable legal requirements.

SAFETY PRECAUTIONS: Carefully read the safety data sheets before using MMA products. A characteristic odour arises during processing. Ensure adequate ventilation, keep away from sources of ignition and do not smoke. Avoid skin contact. Eye irritation and/or hypersensitivity may occur with severe vapour concentration, inhalation and/or skin contact. Do not store food (food, drinks) in the same workspace. Always wear personal safety equipment in accordance with the applicable local guidelines and legislation. Gloves and safety glasses are mandatory.

PACKAGING

Product

ElePrufe MMA Top Coat

Fill Volume/Weight

25kg Unit

TECHNICAL PROPERTIES

Basis:	PMMA
Colour:	Unpigmented as standard, colours on request
Odour:	MMA odour
Curing Time (foot traffic/overcoat):	45 – 60 minutes (23°C %50 R.H.)
Application Temperature:	+0degC to +30degC (min. 3degC above dew point)
Pot Life:	15 minutes approximately

The results were obtained by providing optimum environmental conditions.

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.



Turkey: Tel: 0090 546 827 6151 Email: info@elementalperformancematerials.com Web: www.elementalperformancematerials.com
Daire 17, Ak Ör Apartmanı Blok B, Bağdat Caddesi, Sütlüce İstanbul, Turkey

UK: Tel: 0044 8000 680363 Email: contactus@premierconstructionproducts.co.uk Web: www.premierconstructionproducts.co.uk
Premier Construction Products Ltd. 20-22 Wenlock Road, London, N1 7GU, UK