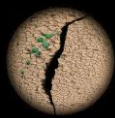




TDS



Technical Data Sheet



Category:
Earth

Technology:
MMA

Product: ElePrufe MMA Damp Surface Primer

MMA Based System Primer

A premium quality, flexible, very fast curing, MMA (methyl methacrylate) based primer for concrete, asphalt and bituminous membranes prior to applying one of the EPM MMA based systems

Advantages

- ☐ Flexible
- ☐ Fast curing
- ☐ Applicable at low temperatures
- ☐ Can be applied horizontally and vertically
- ☐ Can be applied with roller or brush
- ☐ Applicable on damp concrete

Applications

- ☐ Concrete floor slabs and roofs.
- ☐ Balconies and terraces.
- ☐ For roofs applications.
- ☐ Waterproofing of Wet Areas (under-tile) in bathrooms, kitchens, balconies, auxiliary rooms
- ☐ Industrial Flooring
- ☐ Below Ground Waterproofing

SURFACE PREPARATION:

The surface needs to be clean and sound, and free of any contamination which may harmfully affect the adhesion of the coating. The surface must exhibit a minimum compressive strength of 25 N/mm² and an adhesive strength of 1.5 N/mm². Good mechanical preparation of the substrate is essential preferably shot blasting/grinding machine. New concrete structures need to dry for at least 28 days. Old coatings, dirt, fats, oils, organic substances and dust need to be removed with a grinding machine.

MIXING:

Mix **ElePrufe MMA Damp Surface Primer** well before use. Paraffin can separate during storage. Dispense an amount of resin that can be used within 15 minutes to avoid pot life issues. Add 1 to 5 % catalyst powder. The curing powder (BPO) can be ordered from EPM directly or alternative suppliers. The curing rates below are based on 50% active catalyst powder.

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

Once the catalyst is added to the primer mix thoroughly and use the product immediately.

COVERAGE:

Typical consumption 0.3-0.6kg/m² (refer to project specification)





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Product: ElePrime MMA Damp Surface Primer

APPLICATION:

The primer should be evenly distributed with a roller or brush, or a rubber squeegee then backrolled with a short-haired paint roller. Apply enough primer to create a tight coat with full coverage. Apply a second coat on highly porous surfaces. Extra mechanical adhesion can be obtained by broadcasting dry quartz into the layer that has not yet cured (0.5kg/m²). Polyurethane and epoxy systems can only be applied if the primer has had aggregate broadcasted on top. The cured primer layer can be overcoated after one hour (+20°C) with the EPM system to be installed.

CLEANING AND MAINTENANCE:

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

STORAGE AND SHELF LIFE: Store MMA products in a dry, well-ventilated storage area between 5-35 °C. Shelf life: 6 months after production date. Do not discharge into groundwater, surface water or sewers. Dispose of contaminated packaging & 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	Fill Volume/Weight	
ElePrufe MMA Damp Surface Primer	25kg metal pail	(200kg or 1000kg on special order)

TECHNICAL PROPERTIES

Basis:	PMMA
Colour:	Transparent
Odour:	MMA odour
Curing Time (foot traffic/overcoat):	45 – 60 minutes (23°C %50 R.H.)
Application Temperature:	+5degC to +30degC
Pot Life when mixed:	10-12 minutes at 1.5% catalyst, 20degC

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.



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