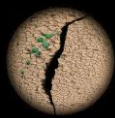




TDS



Technical Data Sheet



Category:
Earth

Technology:
PUMA

Product: ElePrufe PUMA Liquid Membrane PUMA Based Flexible Waterproofing Membrane

A premium quality, flexible, very fast curing, liquid and easy to apply, elastomeric waterproofing membrane or wear layer with very high durability even at low temperatures. This is part of our system for roofing, buried membranes, balconies and more. One membrane that does almost everything.

Advantages

- ☐ Fast curing
- ☐ Liquid and easy to apply
- ☐ Applicable at low temperature
- ☐ Crack bridging
- ☐ High chemical resistance
- ☐ Resistant to thawing salt

Applications

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

SURFACE PREPARATION:

ElePrufe PUMA Liquid Membrane is always applied on a suitable primer depending on the type of substrate. Concrete is covered by our **ElePrufe MMA Damp Surface Primer**. For metal or other materials please contact for details. Before applying the primer follow the substrate preparation guidelines from the primer data sheet.

MIXING:

Mix both components of **ElePrufe PUMA Liquid Membrane** together and stir 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. Once the catalyst is added to the primer mix thoroughly and use the product immediately.

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 2kg/m² per layer, or 2.6kg/m² will give 2mm membrane thickness . Please contact EPM for project and application specific details on coverage and application thickness.





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Product: ElePrufe PUMA Liquid Membrane

APPLICATION:

Please contact us for exact specifications depending on the application. Typically **ElePrufe PUMA Membrane** is applied at 2kg/m² which produces 1.5mm typically. Apply and spread the mixture with a spatula, rake or toothed trowel. Deaeration and levelling with a spiked roller is recommended. Application in a single layer must be minimum 0.8kg/m² and no more than 2kg/m².

CLEANING AND MAINTENANCE:

Clean the used tools with SOLVENT MEK or ethyl acetate before the curing of the **ElePrufe PUMA Liquid Membrane**. 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 or 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 PUMA Liquid Membrane

Fill Volume/Weight

25kg Unit

TECHNICAL PROPERTIES

Basis:	PUMA
Colour:	Grey
Odour:	MMA odour
Working Time:	15 minutes
Curing Time (foot traffic/overcoat):	1 hour (23°C %50 R.H.) typically
Application Temperature:	+0degC to +30degC
Overcoating Window:	1-24 hours
Shelf Life:	6 months

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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