

TECHNICAL DATA SHEET

D+MCW 1K PU

**PRODUCT DESCRIPTION**

D+MCW 1K PU is a high performance, one component, moisture cured polyurethane based waterproof coating. It is used for waterproofing shower recesses, bathrooms, laundries, decks, balconies and rooftops

Area of Application:

- Waterproofing of roof tops
- Waterproofing of balconies and terraces
- Waterproofing of wet areas under tile in bathrooms, balconies
- Waterproofing on external sides of buildings, wooden and sheet iron.

Features & Benefits

- Fast curing
- Single component, Easy to apply
- Resistance to water and UV.
- Excellent Adhesion
- Resistance to pedestrian and light vehicle traffic
- Low Odour

HOW TO APPLY**SURFACE:**

All surface need to be dry, clean and hard. It should be cleaned out from dirt, oil, paint, dust and if there is a crack or hole on the surface it should be fixed before application. Surfaces must be even and smooth and any imperfections repaired with a suitable mortar. All joints to be sealed with D+MCW 1K PU ..

PRIMING:

Before application the surface should be primed using DFR 112/DFH 212. Roller brush can be used. The duration time after applying is: should be minimum 3-4 hours, maximum 48 hours

APPLICATION OF MOISTURE CURE PU 1K:

After 24 hours of duration time at room conditions, it should be mixed with a low circuit mixer and suitable tool to mix, until the mixture be homogenous. D+MCW 1K PU can be applied using a brush or roller. A minimum thickness of 1mm dried film thickness of D+MCW 1K PU Layer should protect from water, rain, external effects, and mechanic compulsion.

THINNER:

If it is required a polyurethane thinner can be used.

PACKING: 25Kg metal pails**CONSUMPTION:**

2 coats at a coverage rate of 1 litre per 0.8m²

Allow 4-6 hours between coats. Allow 24 hours to dry prior to applying finished covering.

Allow longer in adverse weather conditions.

HEAD OFFICE:

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**STORAGE:**

Pails should be stored in a dry and cool rooms for up to 9 months. Protect the material against moisture and direct sunlight. Storage temperature: +15°C/+25°C. Production date is on label. Because of freezing in a short time, use opened packages. Packages should be stored upward.

HEALTH & SAFETY:

Do not apply in closed areas because of solvent scent. The surface temperature should be +5°C. It is flammable so do not come closer with a flame. Do not smoke while application. Application should be done at open areas or air contained places. Use eye shield, glove and protector clothes. If it touches with skin wash with water and soap. Do not use the empty packages for the storage of nutriment.

PRECAUTIONS

- Do not apply to areas when rain is imminent.
- D+MCW 1K PU is not designed to stop a hydrostatic head of water pressure
- Do not apply over damp, wet or contaminated substrates

NOTES:

It is recommended before commencing the application; that adhesion of products to be used is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. For items not covered in this data sheet, it is the responsibility of the applicator to check with D Fix Enterprise and get a written confirmation before commencing the application Technical Information

Technical Data

Property	Test Condition
Colour	White, Grey
Density	1,40g/cm ³
Stand on	+23 ° C 16/24 hour
Serve temperature	-30° C - +90 ° C
Surface temperature	+5 ° C - + 30 ° C
Solid matter ratio	APPROX 90 %
Shore A hardness	65 (7 days)
Chemical Resistance	Acid and base solution
Elongation at break	600%(7 days) DIN 53504
Tensile strength	8N/mm ² (7 days) DIN 53504

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**DISCLAIMER**

The information, and, in particular, the recommendations how to use and apply the product, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with manufacturer's recommendations. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values. The user of the product must test the product's suitability for the intended application and purpose. D Fix Enterprise does not give any warranty express or implied as to the suitability of this product for your particular use, because the usage of this product is beyond the control of D Fix Enterprise

D Fix Enterprise does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

DISCLAIMER

Information provided on this data sheet is the guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no implied guaranty / warranty for the results and the company is not liable for any consequential damages.

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