

## PU - HJ 1006

### ONE PART MOISTURE CURE PU WATERPROOF COATING -HJ 1006

#### DESCRIPTION

HJ 1006 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

#### PRODUCT ADVANTAGES

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

#### APPLICATIONS/USES

- 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.

#### TECHNICAL DATA

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

#### 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 PU147.

**Priming:** Before application the surface should be primed using AS 014 (porous primer). Roller brush can be used. The duration time after applying is: should be minimum 3-4 hours, maximum 48 hours.

#### Application of HJ 1006:

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.

HJ1006 can be be applied using a brush or roller. A minimum thickness of 1mm dried film thickness of HJ1006

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 0.8m<sup>2</sup>

Allow 4-6 hours between coats. Allow 24 hours to dry prior to applying finished covering. Allow longer in adverse weather conditions.

## 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.
- HJ1006 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 MERZ and get a written confirmation before commencing the application.

## 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. MERZ Construction Products Ltd 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 MERZ Construction Products Ltd. MERZ Construction Products Ltd 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.*

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