

# MC-Proof PU 2100 TC (Previously known as Dictaflex 800 TC)

One-component, non-yellowing, elastic, polyurethane top-coat for waterproofing & protection

## Product Properties

- Highly hydrophobic
- Excellent weather and UV resistance, no yellowing (it is fully aliphatic)
- Highly chemical and hydrolysis resistance.
- Excellent mechanical properties.
- High elasticity, tensile and tear strength

## Areas of Application

- Top-coating (pigmented) **MC-Proof PU 2100**

## Application

When use as a topcoat, for colour protection of MC-Proof PU 2100 products, it must be pigmented with of MC-Proof PU 2100 TC pigment pastes (10% max). It must be applied within 72 hours of MC-Proof PU 2100.

When stirring (or pigmenting) take care not to introduce air in the fluid, which may result in bubbling on the cured membrane. Stirring can either be done manually or with a low speed (300 rpm) mixer.

### Application Methods

Apply with roller, brush or airless spraying in one coat. Minimum consumption per coat: 0.2 – 0.5 kg/m<sup>2</sup>.

### Consumption

For top-coating MC-Proof PU 2100 consumption per coat: 0.1 kg/m<sup>2</sup>.

### Cleaning

Clean all equipment and tools first with paper towel and then using SOLVENT-01. Rollers will not be reusable.

### Technical Data for MC-Proof PU 2100

#### In Liquid Form (before application)

Characteristics	Unit	Value	Comment
Viscosity (BROOKFIELD)	cP	200-600	ASTM D2196-86, @ 25 °C
Density	gr/cm <sup>3</sup>	1.2	ASTM D1475 / DIN 53217 / ISO 2811 @ 20 °C
Hardness	Shore A	75	ASTM D2240
Tensile Strength at Break @ 23 °C	kg/cm <sup>2</sup> (N/mm <sup>2</sup> )	55	ASTM D412 / EN-ISO-527-3
Thermal resistance ( 100 days @ 80 °C)	-	passed	EOTA TR011
Percent Elongation	%	> 500	ASTM D412
QUV Accelerated Weathering Test	-	passed (2000 hours)	ASTM G53

#### Product Characteristics for MC-Proof PU 2100 TC

Delivery	5 kg
Colour	White & Grey
Storage	Can be stored in cool and dry conditions for <b>12 months</b> in original unopened packs.
Disposal	In the interest of the environment, please empty all containers completely & in accordance with local regulations.

#### Safety Advice

Please take note of the safety information and advice given on the packaging labels and safety information sheets.

**Note:** Bespoke vendor supplies. The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to observe during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

**Edition 12/18.** Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.