

MC-Proof DF 8

Liquid-applied Acrylic waterproofing dispersion with **HIGH FLEXIBILITY** and **UV RESISTANCE**.

PRODUCT PROPERTIES:

- Ready-to-use dispersion.
- High flexibility and good crack bridging.
- Resistant to UV and weathering.
- Good solar reflectance.
- Easy and fast application.
- Open to moisture vapor transmission.
- Over paintable.
- Resistant to dirt, stains, and easy to clean.

AREAS OF APPLICATION:

- External walls and facades.
- Concrete roof slabs and gutters.
- Exterior areas with occasional foot traffic (build-up system).
- Tole roofs.

APPLICATION NOTES:

- **Substrate preparation:**
 - The substrate must be structurally sound and free from cement laitance, loose particles, dust, oil, grease and any other contaminants or old coatings which may affect the adhesion.
 - Grind smooth all high spots and sharp protrusions.
 - Surface defects such as voids, blowholes and static cracks must be repaired and refilled to prepare a sound surface for bonding.
 - Horizontal substrates must have sufficient slope gradient to avoid water ponding.
 - Metal surfaces must be rust-free and clean.
- **Mixing:** **MC-Proof DF 8** is ready-to-use dispersion. Mix thoroughly with a low-speed mechanical mixer prior to application for homogenization.
- **Application:**
 - **MC-Proof DF 8** can be applied with brush, roller or airless spraying equipment.
 - For absorbent mineral substrates, primer can be applied by mixing **MC-Proof DF 8** with 10% clean water at a usage rate of 0.2 - 0.3 kg/m².
 - **MC-Proof DF 8** should be applied with at least 2 coats crosswise. The waiting time for dry-touching of the coat is between 1 and 2 hours, depending on the ambient conditions and the thickness of the coat.
 - At extreme areas such as corners, wall and floor conjunctions, or build-up systems, **MC-Fast Tape** or an appropriate glass fiber mesh should be immediately embedded into the first fresh coat.
- **Precautions:**
 - Don't apply **MC-Proof DF 8** under rain or extreme weather.
 - **MC-Proof DF 8** should not be used in permanent contact with water. Roofing structures need to be designed at least 2% slope gradient.

- Ambient conditions and surface temperature must be under 35°C during the application.
- **Protection and curing:** Full cure of **MC-Proof DF 8** waterproofing system is approximate 14 days after the final coat. However, water tightness tests may be carried out after 7 days. The freshly applied membranes must be protected from rain for a minimum of 6-12 hours.
- **Safety instruction:** Please take notice of the safety information and advice given on the packaging labels and safety data sheets.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Density	g/cm ³	~1.35	ISO 2811-1: 2011 / TCVN 10237-1:2013
Solid content	%	≥ 60	By weight
Hardness shore A		~78	ISO 7619-1:2010 / TCVN 1595-1
Elongation at break	%	≥ 250	ASTM D 412:2016
Tensile strength at break	N/mm ²	≥ 1.5	ASTM D 412:2016
Adhesion to concrete	N/mm ²	≥ 1.5	ASTM D 7234:2022
Crack bridging ability	mm	≥ 1.3	BS EN 14891:2017
Water tightness	1.5 bar, 7 days	No water penetration	BS EN 14891
Waiting time between coats	Hours	1 - 2	Depends on the thickness & jobsite conditions
Resistant to rain	Hours	6 - 12	Depends on the thickness & jobsite conditions
Full cure	Days	14	After the final coat
Consumption (for reference only)	Kg/m ²		
• Water proofing for walls		0.3 - 0.5 0.2 - 0.4	Base coat Top coat
• Water proofing for roofs		0.2 - 0.3 0.5 - 0.7 0.5 - 0.7	Primer, diluted with 10% water 1 st coat, glass fiber fabric if necessary 2 nd coat
Application conditions	°C	5 - 35	Surface temperature
	%	≤ 85	Relative humidity
	%	≤ 10	Substrate moisture
	°C	> 3	Above the dew point

* All technical values are laboratory results, determined at 27°C and 65% RH. They would be different from the practical values at the jobsites. Trial tests under jobsites condition are highly recommended prior application.

PRODUCT CHARACTERISTICS:

Type	Liquid-applied acrylic dispersion.
Color	White, Grey.
Packaging	20kg/bucket.
Shelf-life and storage	12 months from the manufacturing date, stored in unopened packaging, in a dry area with shelter, good ventilation, and away from high heat sources.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

Edition **03/2026**. Some technical changes have been made to this print medium. Older editions are invalid and may not be used.