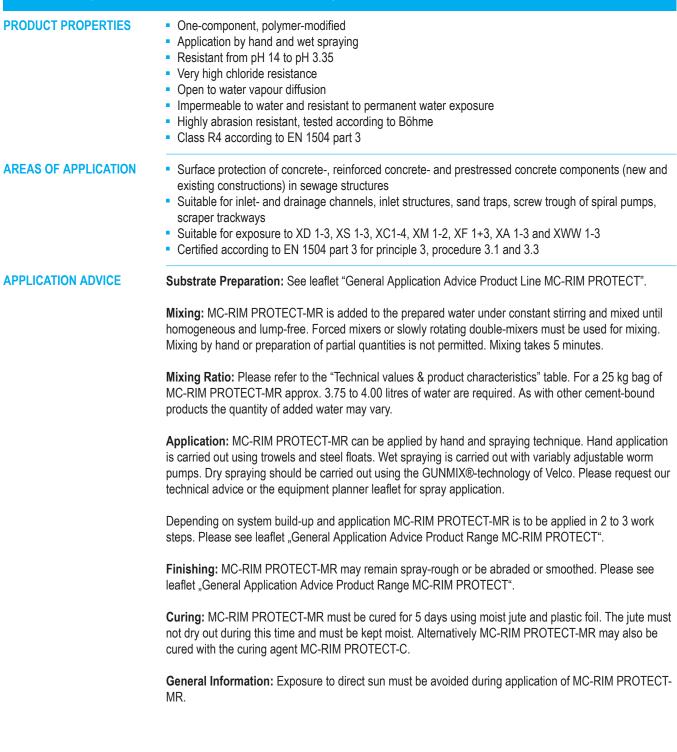
MC-RIM PROTECT-MR

Highly sulphate resistant, fibre-reinforced surface protection for use on mechanically stressed areas in wastewater industry



BE SURE, BUILD SURE

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass frac- tions	25 : 3.75 - 4	powder component : water
Working time	minutes	30	at 20 °C
Application conditions	°C	≥ 5 ≤ 30	Temperatura del aire, soporte y material
Consumption	kg/m²/mm		
Dry mortar		1.75	factory-dried mortar
_ayer thickness	mm	5	minimum layer thickness per pass/operation
1)		15	maximum total layer thickness
Nater resistant after	days	1	at 20 °C
		2	at 10° C
Maximum grain size	mm	1.2	
Fresh mortar bulk density	kg/dm³	approx. 2.03	
Compressive strength	N/mm²		
7 d		43.5	
	N/mm²		
28 d		57.3	
Flexural strength	N/mm²		
′ d		7.4	
	N/mm²		
28 d		8.8	
E-modulus (dynamic)	N/mm²	27,500	
Total air void volume	Vol%	8.8	after 28 days
		6.8	after 90 days
Chloride migration coefficient	m²/s	0.26 ·10 ⁻¹²	
Nater penetration depth	mm	< 1	at 5 bar gauge pressure per EN 12390-8
Sulphate resistance	mm/m	0.08	after 91 days (SVA method)
Abrasion resistance	grade	A6	per EN 13813

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

1) Recommended layer thickness 8 - 10 mm

Equipment cleaning agent	water	
Colour	Cement grey	
Delivery form	25 kg bag	
Storage	Can be stored in original sealed packages at temperatures between 5°C and 25°C in dry conditions at least 12 months.	
Packaging disposal	Make sure single-use containers are completely empty.	

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : ZP1

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2400021040]