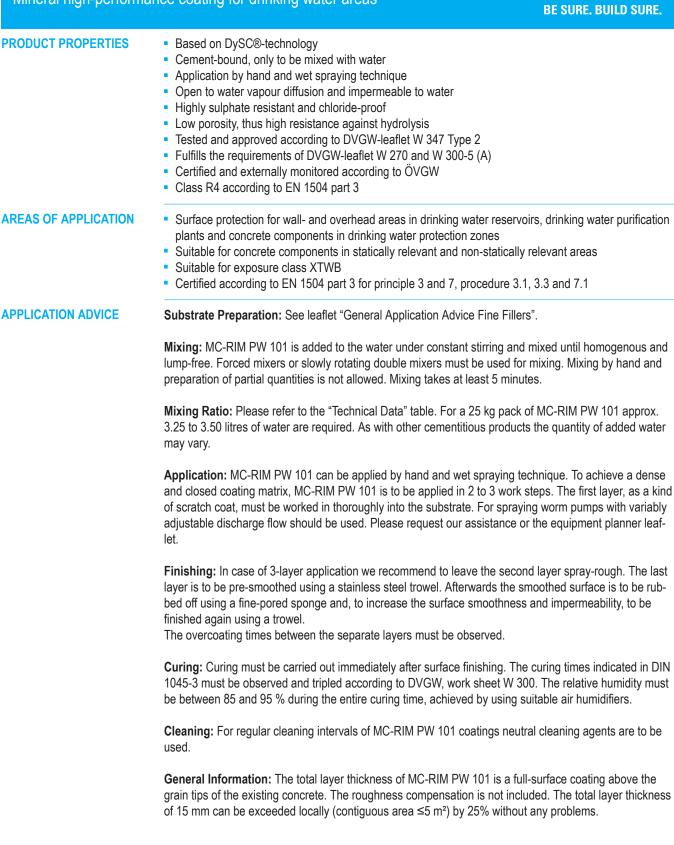
MC-RIM PW 101

Mineral high-performance coating for drinking water areas



TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio ¹⁾	p.b.w.	100 : 13 - 14	powder component : water
Working time	minutes	60	at 5° C
-		60	at 10° C
		45	at 20° C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption	kg/m²/mm	1.9	factory-dried mortar
Layer thickness	mm	8	minimum layer thickness per pass/operation
		15	maximum layer thickness per pass/operation
		15	maximum total layer thickness
Maximum grain size	mm	1.2	
Fresh mortar bulk density	kg/dm³	2.16	
Nater/cement ratio	w/c	< 0.5	
Compressive strength ²⁾	N/mm²		
28 d		≥ 45	
Fresh mortar air void content	Vol%	< 5	
-lexural strength	N/mm²		
28 d		≥ 6.5	
E-modulus (static)	N/mm²	32,600	after 28 days
Overworkable after	minutes	30	1st layer (scratch coat) / 2nd layer
	hours	≤ 4	2nd layer / 3rd layer
		≥ 16	2nd layer / 3rd layer
Total air void volume	Vol%	< 9	after 28 days
		< 8.5	after 90 days
		< 7.5	after 180 days
Water penetration depth ³⁾	mm	1	at 5 bar gauge pressure per EN 12390-8

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

1) When spraying, the maximum amount of water should be added.

2) Fulfills all requirements according to DVGW W 300-5 (A) already at the age of 7 days. Nevertheless, the minimum curing period must be observed.

3) test age 28 days

Form	pulverous	
Delivery form	25 kg bag	
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.	
Packaging disposal	Make sure single-use containers are completely empty.	

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. [2300018786]