Repair AC (DEC)

Properties	Value	Unit	Method / Remarks
	System		
Chemical Base	polymeric dispersion		
Curing	physically		through water evaporation
Consistency	Non-sag		
Density	1,7	g/ml	
Shelf life	12	months	between +5 and +25 °C
Solids	85	%	
Frost resistant	up to -15	°C	during transportation
Temperature resistance	-30	°C	fully cured
Tensile strength	0,6	N/mm²	DIN EN ISO 8339
Compressive strength	2,7	MPa	DIN EN ISO 604; ASTM D 695
Volume shrinkage	< 5	%	porous structure
	Handling		
Application temperature range	+5 to +40	°C	
Flow	< 2	mm	ISO 7390
Skin formation time	10	min	23 °C, 50 % RLH
Curing speed	1 - 2	Mm/24h	23 °C, 50 % RLH
Meters of joint per cartridge	2,8 4,3 6,4	m m m	Joint: 18 x 6 mm (width x depth) Joint: 12 x 6 mm (width x depth) Joint: 8 x 6 mm (width x depth)
Joint dimensions	8 - 18	mm	

Application

Repair AC is a highly qualified curing joint repair filler based on a polymeric dispersion with an optimal adhesion spectrum for joint in- and outdoor applications. Repair AC is characterized by good process ability, weathering and UV resistance. After curing Repair AC is paintable.

For durable jointing and repairing of new and damaged joints between stone strips and facade masonry. Repair AC adheres perfectly on different construction materials e.g. concrete, masonry, stone and cement. This product can also be applied on slightly wet substrates.

Properties / Features

The surfaces must be clean, sound and free of oil and grease. Adhesion tests prior to the application are recommended. Not applicable below 5°C or on frozen substrates.
Repair AC is already some hours after application weather resistant, but not recommended for permanent or sustained water immersion.
Approximately 5 minutes after application in the joint press Repair AC firmly and tool with a jointing tool. After 5 – 10 minutes remove the excess of jointing material with a hand brush or a wet sponge around the joint from the brickwork / substrate. During the drying process the product turns into a darker colour.
The curing speed is dependent on the environmental conditions (humidity, temperature) and the surfaces – for example low temperatures and a high humidity slow down the curing speed.

Repair AC is not recommended for dilatation and movement joints.
Repair AC is not suitable to capture movement or pressure forces.
Incorrect of not fully filled joints will reduce the operating lifetime.

Rinse tools and hands after use with water.

For further safe handling information on this product, consult the Safety Data Sheet (SDS).

NOTE: Due to the specified cartridge geometry and optimized formulation perfectly suited to the application, it is in some cases possible that the cartridge can´t be fully emptied. These characteristics have been taken into account in the calculation.

For further information on handling, please refer to the safety data sheet; this contains important information.
The application instructions in this technical data sheet and our technical advice on application, whether spoken or written, are given to the best of our knowledge but do not constitute either a warranty as to the nature or usability of the products or an independent or dependent promise or warranty declaration of any kind. We recommend to always check the suitability of our products for the intended use. Due to the wide variety of possible applications for each individual product and the unpredictable conditions at the place of processing, we recommend testing the function on the substrates before use.