

Acrylicon Crack Sealer

Technical Data Sheet

PRODUCT DESCRIPTION/APPLICATION

AcryliCon Crack Sealer is particularly suitable for consolidating porous substrates, furthermore, it serves as a residual moisture barrier capable of withstanding 5 bar of hydrostatic pressure.

Due to its low viscosity and low surface tension, it has very good wetting and penetration properties and is therefore well suited for closing cracks in bonded screeds. It must be ensured that the surface is flooded to saturation, as this is the only way to ensure substrate consolidation in porous substrates.

In case of a further build-up (coating), an additional primer must always be applied.

Basically, an assessment of the substrate is necessary before priming and substrate preparation is always mandatory. The specified hardener quantity should never be under- or exceeded, as this can lead to curing disturbances in any case. The specified quantity of hardener powder should not be underdosed, as underdosing will jeopardize curing. Furthermore, overdosing of the hardener powder must also be avoided, as this also leads to serious curing disturbance.

The AcryliCon Crack Sealer must always be applied evenly and free of puddles. Paint rollers or brushes can be used to apply the AcryliCon Crack Sealer. Highly absorbent or dull areas must be reworked wet-on-wet until the pores are closed before curing.

STORAGE/SHELF LIFE

The shelf life of AcryliCon Crack Sealer is 12 months when stored in a cool and dry place in the original packaging. The optimum storage temperature is between +10°C and +25°C and should not be exceeded.

MIXING

Before using/mixing AcryliCon Crack Sealer, the resin must be stirred thoroughly to ensure uniform paraffin distribution. Only then may the specified hardener quantity be added to the resin and it must be thoroughly mixed again. The mixing time should be at least 2 minutes in each case. Mixing machines and all electrical devices to be used on the construction site should be EX- protected.

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STANDARD-BATCH

It.	Product Component	Guide Formulation In %	Method for Quantity	Note
1	Acrylicon Crack Sealer	100 %	10 kg	
	Total:	100 %	10 kg	Average Consumption: 0.40 kg/m ²
2	Dibenzoylperoxide 50%	2 - 7 % Ref. to Item 1	20 - 70 g	For the exact hardener quantity, refer to the table

TECHNICAL DATA

Property	Approx. Value	Test Standard
Flow time at +20° C, 4 mm	10 - 15 sec.	DIN 53211
Density +20° C	0,960 – 0,995 g/cm ³	DIN 51757
Flash Point	+10 °C	DIN 51755
Pot life at +20° C	ca. 10 min.	
Processing Temperature	-10 °C bis +35 °C	
Bulk Density	1.15 g/m ³	
Shore D	70 – 80 units	