



VICOLITH[®] ACRYLIC TOTAL

Cementitious tile adhesive, no vertical slip

Properties

VICOLITH ACRYLIC TOTAL is cement based tile adhesive. It is suitable for indoors and outdoors because it has the required adhesive strength under normal conditions, fluid environment conditions, high temperatures and after freeze – thaw cycles. Shows almost no vertical slip and thus beyond the suitability of application in flooring is ideal for application on walls.

According to EN 12004 is classified as type adhesive C1T¹⁾.

Applications

VICOLITH ACRYLIC TOTAL is used for fixing ceramic tiles on floor surfaces, cement based walls indoors and outdoors.

Technical characteristics

Form:	ready mixed dry mortar based on cement	
Coloring:	white	grey
Mixing water :	7,00 l/bag 25 kg (28%)	7,12 l/bag 25 kg (28,5%)
Maturing time :	5-10 minutes	
Pot life:	two hours in the bucket	
Open time:	at least after 20 minutes	
	adhesive strength $\geq 0,5 \text{ N/mm}^2$ (EN 1346)	
Application temperature:	+5 ^o C to +35 ^o C	
Fixing on walls:	after 5-8 hours	
Foot traffic:	after 24 hours	

Adhesive strength (adhesion)

- after maintenance in dry (Reg. Conditions 23/50) $\geq 1,00 \text{ N / mm}^2$ (EN 1348,8.2)
- after maintenance in water $\geq 0,60 \text{ N / mm}^2$ (EN 1348,8.3)
- after maintenance in hot $\geq 1,00 \text{ N / mm}^2$ (EN 1348,8.4)
- after freeze- thaw cycles $\geq 0,50 \text{ N / mm}^2$ (EN 1348,8.5)

Slipping under the same weight after 20 minutes: 0,01 mm, <0,50 mm (EN 1308)

¹⁾ Control Certificate from the recognized by the European Committee Laboratory LGA Bautechnik GmbH Germany (0780)



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How to use

1. Preparation

The surface to be coated must be resistant, without cracks, clean and generally should not interfere with the adhesion. Dust, oils and loose crusts should be removed and the cracks must be puttied. Absorbent substrates must be wetted or better primed with acrylic primer **VIM-PRIMER**.

2. Application

1. Mix **VICOLITH ACRYLIC TOTAL** with clean water in a clean container, using a low speed mixer (<600 rotations/ min). After the mixture is homogenized, we leave it to mature for 5-10 minutes and then stir again.
2. Laminating and comb the adhesive with a notched trowel.
3. Spread as much **VICOLITH ACRYLIC TOTAL** to the surface as we can cover with tiles within 20 minutes (open time). Otherwise the surface setting, which will start, will reduce adhesion.
4. Any expansion joints should **not** be covered with tiles.

Consumption

on a smooth substrate Spatula [mm x mm]	[kg/m ²]	tile adhesive thickness [mm]
4 x 4	1,8	1,5
6 x 6	2,5	2,1
8 x 8	3,2	2,7
10 x 10	4,0	3,3

Elastification

In case the substrate on which tiles are placed, can take deformations of expansion and contraction or vibration, such as underfloor heating or flexible gypsumboards, tile adhesive must be elastified. By adding 10 kg elastifier **VIMAFLEX** in a 25 kg bag of **VICOLITH ACRYLIC TOTAL** all the mixing water is replaced and it can be fully flexible.

If this is not necessary, adding **VIMAFLEX** can be reduced to 5 kg per 25 kg bag, along with a corresponding addition of water to achieve the desired workability.



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Packaging

VICOLITH ACRYLIC TOTAL is available in 25 kg bags.

Storage

At least 12 months in sealed packaging, in places protected from moisture.

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