



## VICOLITH<sup>®</sup> ACRYLIC FLEX white

Cementitious, resin improved, high standard tile adhesive,  
flexible, zero slip and extended open time

### Properties

**VICOLITH ACRYLIC FLEX** is a tile adhesive based on white cement. It is suitable for applications both indoors and outdoors because it has the required adhesive strength under normal conditions, moist environment conditions, high temperatures and after freeze-thaw cycles.

Presents additional features of high adhesion, almost no vertical slip and extended open time to be classified in accordance with EN 12004, as a tile adhesive type **C2TE**.

Regarding elasticity characterized as tile adhesive type S1 according to the standard EN 12002.

### Applications

**VICOLITH ACRYLIC FLEX** is used for fixing to walls and large dimension ceramic tile floors, with low absorption, granite and marble tile and natural stone.

Suitable for applications over existing tile layers (high adhesion), on floors with underfloor heating (elasticity) in pools and tanks (water resistance).

### Technical characteristics

Form:	ready mixed dry mortar based on white cement
Color:	white
Mixing water :	7,75 l / bag 25 kg (31%)
Maturing time :	5-10 minutes
Pot life:	at least three hours in the bucket
Open time:	at least after 30 minutes
	adhesive strength $\geq 0,5 \text{ N/mm}^2$ (EN 1346)
Application temperature:	+5°C to +35 °C
Fixing on walls :	after 3-8 hours
Foot traffic :	after 24 hours

#### Adhesive strength

- after 28 days (under normal conditions 23°C and 50 % relative humidity )  $\geq 1,80 \text{ N/mm}^2$  (EN 1348,8.2)
- after 20 days water immersion  $\geq 1,30 \text{ N/mm}^2$  (EN 1348,8.3)
- after 14 days heating (70 °C)  $\geq 1,50 \text{ N/mm}^2$  (EN 1348,8.4)
- after 25 freeze-thaw cycles (-15 °C to +15 °C)  $\geq 1,30 \text{ N/mm}^2$  (EN 1348,8.5)

Slip under same weight after 20 minutes: <0,50 mm (EN 1368)  
 Deformation ability: S1 ≥ 2,5 mm <5 mm

### ***How to use***

#### 1. Preparation

The surface to be coated must be solid, without cracks, clean and generally should not interfere with the adhesion of the product. Concrete or cement mortar of the substrate should be aged at least 28 days so that for most part drying shrinkage has been completed.

Dust, grease, loose crusts should be removed and the cracks should be puttied .

Absorbent substrates must be wetted or better primed with acrylic primer

**VIM-PRIMER.**

#### 2. Application

Mix **VICOLITH ACRYLIC FLEX** with clean water in a clean container, using a low speed mixer ( < 600 rpm). After the mixture is homogenized, we let it for 5-10 minutes to mature and then we stir again .

Apply and comb tile adhesive with a notched trowel .

We apply on such surface, as it can be fixed with tiles within 30 minutes (open time).

Otherwise the surface setting, which will start , will reduce the adhesion.

Any expansion joints should not be covered with tiles.

### ***Consumption***

on a smooth substrate

Spatula [mm x mm]	[kg/m <sup>2</sup> ]	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

### ***Packaging***

**VICOLITH ACRYLIC FLEX** is available in 25 kg bags.



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## **Storage**

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



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CONSTRUCTION CHEMICALS TECHNOLOGIES

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