

R34

PAGEL-FLEX ADHESIVE

PROPERTIES

- Synthetic resin enhanced Flex adhesive on cement basis
- applicable for interior and exterior areas
- provides an excellent adhesive quality on weight bearing subsurfaces
- · easy to work with and also well suited for overhead workings
- · Industry proven time and again
- permeable, sealing, adheres to suitable sub surfaces
- ready to use, just mix with water, remains pliable and easy to handle for an extended time
- · is especially suitable as tile adhesive. For small mosaic stones, R34 PAGEL-FLEX ADHESIVE can also be supplied with white cement
- · meets all requirements according to

DIN EN 12002 mortar and adhesives for tiles and panels (analysis of

deformation)

mortar and adhesives for **DIN EN 12004**

tiles and panels (minimum

requirements)

DIN EN 1348 mortar and adhesives for

> tiles and panels (analysis adhesive tensile strength)

DIN EN 1346 mortar and adhesives for

tiles and panels (analysis of

open time)

DIN EN 1308 mortar and adhesives for

tiles and panels (analysis of

slipping)

Guideline for flex mortar

Definition for fields of application according to the German construction chemistry

- · controlled according to current standards and guidelines and the production is ISO 9001 certified
- is supplemented with the following products: R34 white

AREAS OF APPLICATION

· Thin layer tiling of ceramic wall- and floor tiles for interior and exterior areas

- · Gluing of insulation- and sound absorbing panels
- Insulation and protection coating
- · Laying of natural stone, marble and building boards (only with R34 white)

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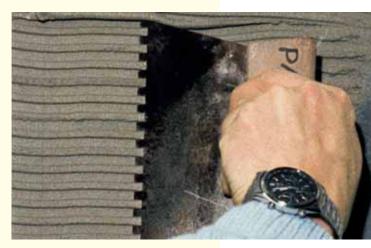
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TECHNICAL DATA **R34** Layer thickness 1-3 mm Water content 20-25 % Processing time Min. app. 45 kg/m² Consumption Colour grey Adhesive tensile strength according to DIN EN 1348 Dry storage* 28 d N/mm² Water storage* 28 d N/mm² 1.4 Warm storage* 28 d N/mm² 2.0 Frost – dew change storage* 28 d N/mm² 1.2 *Nominal Value 0.5 N/mm² Analysis of open time DIN EN 1346 Tiling of stone ware tiles 10 min. **A.T.S. 28 d* N/mm² 1.8 20 min. **A.T.S. 28 d* N/mm² 1.3 30 min. **A.T.S. 28 d* N/mm² 1.0 *Nominal Value 0.5 N/mm² **A.T.S. = Adhesive tensile strength Analysis of slipping according to DIN EN 1308 Slipping measurement* 0 mm *Nominal Value 0.5 N/mm² Deformation according to DIN EN 12002 Strength 28 d Ν 13 28 d 2.2 Deflection mm All test data are guide values, proofed in our German manufacturing plants, - values from other manufacturing plants may vary.

Storage: 9 month in a dry and closed

container

Delivery format: 25-kg-bag

Hazard class: No hazardous good,

Observe safety data sheet

Necessary perforation of the notched trowel for fine ceramic tiles:

without rear side profile

Tile size	Perforation	
Small and medium mosaic mm 3		
up to 10×10	cm mm 4	
up to 20 × 20	cm mm 6	
> 20 × 20	cm mm 8	

with rear side profile

Tile size	Perforation	
Small and medium mosaic -		
up to 10 × 10	cm mm 6	
up to 20 × 20	cm mm 8	
> 20 × 20	cm mm 8	

PROCESSING

SUBSURFACE: The subsurface must be solid, clean and weight bearing; oil spots and debris must be removed. Pre-moistening or priming is usually not necessary. Subsurface unevenness on walls can be evened out with MSO5 PAGEL-SPACKLE or MS20 PAGEL-REPAIR MORTAR. Highly absorbent sub surfaces or aerated concrete blocks must be prepared with wash primer.

MIXING: The mortar is ready to use and must only be mixed with water. Fill water in a clean container, add **R34** and mix to a pliable, smooth mortar with a slow moving drill (max. 400 Rpm) and a paddle mixer.

PROCESSING: Apply **R34** with a notched trowel to the subsurface. Only mix enough material as can be processed within 30 min. Apply and press on tiles with a slightly sliding movement into the adhesive area. The seams can be filled after 24 hours with commercial seam mortars.

OBSERVE: Tilling of natural stone, marble and structural panels only with **R34 white**.

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