

## Technical Data & Instruction Sheet

### PRODUCT BENEFITS

**Flexible PU modified epoxy based adhesive for floors and walls, for internal and external use**

**High adhesion on deformable substrates**

**No vertical slip**

**Meets European standards EN12004: 2007 R2T**

### DESCRIPTION

AdFlex 206 is a two component Polyurethane modified epoxy resin based flexible adhesive with high adhesion strength. It used for laying of ceramic tiles, porcelain tiles, marble and natural stone, on floors and walls, on absorbent and non-absorbent, deformable substrates.

### DIRECTIONS

Read entire label before using. Use only as directed. Always test on a small area to check desired results. Make sure surface is clean and free of waxes, dirt and coatings. Ensure proper and thorough mixing of resin (PART A) and hardener (PART B) before applying. Do not mix any solvents.

### RECOMMENDED SURFACES

Substrate/Bases
mineral screeds, cement-based screeds
prefabricated concrete or fresh concrete castings
cement plasters and cement-lime mortar,
floors and walls in polyurethane resin, glazed tiles, cement-based and resin floor tiles, porcelain tiles
wood, metals, PVC, linoleum

### TECHNICAL DATA

Pot life	>1hr
Open Time	>1hr
Adjustability	>1hr
Vertical Slip	<0.5mm
Foot Traffic	24 hrs
Grouting	12 hrs
Interval Before Use	3 days

Shear Adhesion After 7 days	5 Mpa
Adhesion to concrete	>2.5Mpa (concrete failure)
Working Temperature	(-)40°C to 110°C

### AVAILABLE SIZE

Part A: 6.4 kg, Part B: 1.6 kg

### COVERAGE

2-4 Kg/mtr<sup>2</sup> (depending upon the irregularity of the substrate and the format of the tile)

### SHELF LIFE

1 year

### METHOD OF APPLICATION

#### Substrate Preparation

- All substrates must be compact and consistent.
- Substrate should be properly cleaned to free from dust, oil and grease, and free from any rising dampness. The substrate must be stable, without cracks and have already completed the recommended curing period.
- Uneven areas must be corrected with suitable smoothing and finishing products.

#### Mixing

- AdFlex 206 is prepared by mixing together parts A and B using a low speed electric agitator, in the ratio of Part A: Part B :: 6.4 : 1.6. Avoid overheating of the blend during mixing which would reduce working time.
- Pour part B into the bucket containing part A. Be careful to mix the two parts uniformly until a smooth, even coloured mixture is obtained.

#### Application

- Spread AdFlex 206 onto the substrate using a suitable notched trowel. If the adhesive is used for bonding special tile, also fill the gaps on the back of the piece with AdFlex 206 before laying. The pieces to be bonded should be pressed together to guarantee good buttering. Once set, the bond will be very tough.
- The surrounding temperature affects the hardening time of the product. At 23°C it is workable for approximate 1 hour, and this time reduces as the temperature increases.

#### Cleaning

Residues of AdFlex206 can be cleaned from tools and covered surfaces with RachTR XC3 while the adhesive is still fresh. Once cured, the adhesive can be removed by RachTR XC4 and mechanical means.

### STORAGE AND HANDLING NSTRUCTIONS

- May be harmful if swallowed. May cause skin, eye and respiratory irritation.
- Use in a well ventilated area.
- Do not ingest.
- Do not freeze or store above 40° C.
- Do not mix with other chemicals.

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