

# AK7P

## THIN SET TILE ADHESIVE

### Product Description:

AK7P is a plastic modified thin bed adhesive according to Standard EN 12004, for interior and exterior application. AK7P is simple to use, with a high initial bond and excellent stability.

### Area of Application:

AK7P is used as tile adhesive as thin layer method for ceramic coatings, mosaic, clinker and brick tiles. We recommend AK7P for natural stone tiles as long as the specific properties of the natural stone are considered. AK7P is suitable for the safe tiling on surfaces according to DIN 18157 part 1, e.g., concrete, plaster, masonry, gypsum boards and heating screed. AK7P is suitable as tile adhesive on construction boards from wood wool, gypsum boards, gypsum fibers and extruded polystyrene.

### Technical Properties:

Basis	: sand/cement (polymer modified).
Colour	: cement grey.
Filler structure	: fine sand.
Bulk density	: 1.37 kg/l.
Application temperature	: +5°C up to +30°C
Pot life*	: approx. 2 hours.
Skin formation*	: approx. 20 minutes.
Traversable*	: after approx. 24 hours
Walkable*	: After approx. 24 hours.

Cleaning	: Immediately after use with water.
Consumption	: Depending on surface and tiles, at least 2.0 kg/m <sup>2</sup> .
Storage	: In dry storage for up to 12 months, opened bags are to be used up immediately.
Packaging	: 25 bags with PE inlet.

\* The values are valid at an ambient temperature of +20°C at 65% relative humidity.

### Usage:

#### Mixing:

1. Put the water into a clean mixing bucket and mix with the powder component with a stirrer to produce a homogeneous, lump-free mass.
2. After a settling period of ca. 3 minutes, thoroughly homogenize the compound again.
3. Do not mix more material than can be applied during the pot life.

#### Application:

1. Spread the mixed mortar evenly across the substrate surface and comb through with a suitable notched trowel to suit the broad size.
2. Apply the surfacing material within the adhesive open time.

### Surface Preparation:

The surface is to be dry resp., be of load-bearing capacity, have no continuous cracks and be free from dirt, dust and separating agents. Further information according to DIN 18157 part 1 is available and is to be adhered to. Absorbing surfaces are to be prepared with ASO®- Universal Primer. Smooth concrete surfaces have to be roughened, anhydrite screed has to be abraded and primed with ASO®- Universal Primer.

### Storage:

12 months when stored dry in the original unopened packaging. Use opened packaging promptly at +20°C and 60% relative humidity.

### Notes:

AK7P contains cement and reacts alkaline with moisture. Therefore:

- Protect skin and eyes.
- In case of irritation wash thoroughly with clear cool water.
- In case of eye contact seek immediate medical treatment.