



Technical Data Sheet

ASOCRET-HB-flex

Flexible contact slurry

Art.-No 2 02224

Properties:

- Polymer modified
- Heavy duty
- Single component
- Watertight
- For interior and exterior
- Easy to use

Areas of application:

ASOCRET-HB-flex is used as a bonding agent for cement-based bonded screeds and as a contact and bonding slurry for the laying of tiles and slabs in traditional sand:cement methods. ASOCRET-HB-flex is used as a bonding slurry for vitrified tiles, concrete slabs, ceramic tiles with low water absorption $\leq 0.5\%$ (fully vitrified tiles), clinker, mosaic and non-translucent natural stone sensitive to discolouration.

Technical Data:

Basis:	Cement, aggregate, additives
Colour:	Grey
Bulk density:	1.15 kg/dm ³
Application/substrate	
Temperature:	+5° C to +25° C
Standing time *):	approx. 3 minutes
Pot life *):	approx. 120 minutes
Traversable *):	after approx. 24 hours when used with rapid screeds, after 3 days with conventional screeds
Tool cleaning:	in the fresh state with water
Consumption:	approx. 1 – 2 kg/m ²
Storage:	dry, 12 months in original unopened packaging. Use opened packaging immediately.
Packaging:	25 kg bags with polythene liner

*) Valid at 23° C and 50% relative humidity. Higher temperatures shorten and lower temperatures lengthen these given times.

Substrate and application:

General:

Place approx. 7.5 litres of water in a clean mixing bucket and add 25 kg of ASOCRET-HB-flex and mix to a homogenous slurry with a drill mixer (approx. 300 – 700 rpm). The substrate and ambient temperature should not drop below +5° C during application and for one week after.

As a bonding agent for cement-based bonded screeds:

Suitable substrates are concrete to DIN 1045, heated and unheated screeds to DIN 18560 and EN 13813 and rapid screeds. They may be dry or damp. The substrate must be load bearing, flat, sound, clean and free from materials that function as separating agents. Separating layers and laitance must be removed by suitable means e.g. blasting or scabbling. Brush the ASOCRET-HB-flex into the dampened substrate with a brush, broom or roofers broom and lay the screed whilst it is still wet.

As a contact slurry in traditional sand:cement bedding:

Comb out the ASOCRET-HB-flex on to the fresh mortar bed with a plasterers trowel or notched trowel (4-8 mm notches) dependent on the format and type of tile to be laid. Press the tiles into the fresh ASOCRET-HB-flex within 15 – 20 minutes and tap into place.

As a contact slurry by vibration fixing:

Comb out the ASOCRET-HB-flex on to the fresh mortar bed with a plasterers trowel or notched trowel (4-8mm notches) dependent on the format and type of tile to be laid. Press the tiles into the fresh ASOCRET-HB-flex within 15 – 20 minutes and tap into place. Up to the initial set time of the mortar bed vibrate the tiles in the usual manner.

ASOCRET-HB-flex

ASOCRET-HB-flex is particularly matched to our special screeding cements ASO-EZ2, ASO-EZ4, ASO-EZ6 and the pre-blended mortars with complimentary particle size distribution from the ASO-EZ-Plus range.

Important notes:

- Ventilation is necessary where the screed is laid. Avoid direct sunlight and draughts during installation and during the setting process.
- Do not add water or fresh mortar once the ASOCRET-HB-flex has started to set. There is a danger of insufficient strength development!
- Lay screeds or floor coverings within the open time of the slurry!
- When laying natural or synthetic stone observe the product specific properties of the materials (tendency to discolour, curling etc) and the fixing recommendations of the manufacturer. In the case of doubt carry out a trial area.
- Protect areas not to be treated from the effects of ASOCRET-HB-flex.
- High temperatures accelerate and lower temperatures slow down the setting process.
- When laying tiles or slabs on balconies and terraces we recommend the use of the highly flexible bonded waterproofing system AQUAFIN-2K/M and UNIFIX-2K.
- Protect from frost and water penetration during the setting phase.
- Use only clean tools and clean water.
- Work tools can be cleaned immediately after use with water.
- Relevant current regulations are to be observed!
Therefore e.g.
DIN 18157
DIN 18352
DIN 18560
DIN EN 13813

Information sheets from by the ZDB (Central building industry association) issued by issued by the Technical association of the German tile industry:

"Advice for the installation of waterproofing combined with ceramic tiles and slabs in interior and exterior areas."

"Ceramic finishes in exterior locations."

"Movement joints in tile and slab finishes."

Please observe a valid European safety data sheet!

Low chromate in accordance with TRGS 613.

GISCODE: ZP1