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**SCHOMBURG** Building  
Product Systems

## Technical Data Sheet

# ASO<sup>®</sup>-BA-flex

## Mortar additive

Not available in all countries,  
please contact your distributor!

### Properties:

- solvent-free
- plasticizing

### Areas of application:

By addition of ASO-BA-flex a polymer modified mortar can be produced and used as, bonding layer, added to shotcrete, to produce tough plasters, to produce improved screeds, jointing and bonding mortar and as mortar for concave mouldings:

- For levelling and patch mortars, extendable to very thin coatings.
- For the manufacture of floor sealer with improved dust resistance, flexibility and crack resistance.
- As bonding agent in shotcrete.
- As improvement of the bonding, flexibility and crack resistance of plaster mortars.
- For mortar applications as bonding and impervious layer in concrete construction joint, e. g. between concrete vertical and horizontal joints (mortar for concave mouldings).
- For hardwearing coverings in water construction, channels, purification plants.
- As improvement of the bonding of plaster on insulation boards.
- As a bedding and jointing material for masonry.
- As bonding mortar for fixing of ceramic tiles, natural stone, artificial stone as well as insulation and light construction boards.
- As additive to improve the bonding strength and resistance of lime and cement paints.
- For the manufacture of cement mortars with improved chemical resistance.
- As protection for green concrete ASO-BA-flex prevents the premature drying out.

### Technical Data:

Basis:	polymer dispersion
Colour:	white
Packaging:	10 and 2 kg buckets
Storage:	12 months, frost-free in original unopened packs
Cleaning:	Clean tools immediately after use with water.

### Surface preparation:

The surface must be clean, sound and free from grease, oils, curing compounds, laitance and any loose particles to ensure good adhesion in accordance of standards codes of practice and recommendation.

Use suitable methods to prepare the substrate dependent on its condition such as e. g. sweeping, vacuuming, brushing, grinding, scabbling, sand blasting, high pressure water jetting or shot blasting. Dampen absorbing areas evenly until the surface is saturated. Remove all standing or puddled water.

### Product preparation:

Mixing ratio:	ASO-BA-flex with distilled water 1:1.5
Dry mixture:	cement and sand 1:3
Grain size:	0 – 4 mm depending on layer thickness
Consumption of mixed slurry:	2.3 – 3.0 kg/m <sup>2</sup> and cm layer thickness

For all applications as a bonding agent, ASO-BA-flex is mixed in equal parts with water, then generally added to a cement and sand mixture. Produce brushable slurry (sand 0 – 4 mm).

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# ASO<sup>®</sup>-BA-flex

Brush this thoroughly into the substrate. Further amounts of mortar or concrete should immediately be spread wet in wet.

## **Important advice:**

- Pure ASO-BA-flex coats (without cement sand addition) are not suitable as a bonding layer, as a separating film may be formed in advance.
- ASO-BA-flex gauging water which are diluted more than 1:2 (BA-flex : water) offer only a minimum of plastics to the mortar, which is not hardly improve the mortar properties.
- Do not use ASO-BA-flex mortar at temperatures below +5°C.