

Elastifying agent

Description

ADIFLEX-B is an elastomeric emulsion, used as an admixture for cementitious brushable sealing slurries, tile adhesives, cement-mortars, water-based paints etc., offering:

- High flexibility.
- Water-impermeability.
- Increased bonding to the surface.

Fields of application

ADIFLEX-B is used for the elastification of:

- Cementitious brushable sealing slurries (e.g. AQUAMAT), when the surface to be sealed shows or is expected to show haircracks.
- Tile adhesives (e.g. ISOMAT AK 20), to fix tiles on substrates that suffer from contraction-expansion effects (dimensional changes) or vibration.

ADIFLEX-B may also be used to elastify other cement-mortars.

Technical data

Basis:	acrylic polymer dispersion
Color:	white
Viscosity:	485 mPa·s (Brookfield, +23°C)
Density:	1,03 kg/lit

Directions for use – Consumption

1. Preparation of substrate

The substrate must be clean, free of grease, oil, dust and as flat as possible. It should also be dampened but without water accumulation. Porous surfaces like aerated concrete, gypsum boards, chip boards etc. should be primed with UNI-PRIMER.

2. Elastification of cementitious brushable sealing slurries

Full elastification of AQUAMAT

The content of 1 bag (25 kg) AQUAMAT is gradually added into 10 kg of ADIFLEX-B, under continuous stirring. Depending on the desired workability, a small quantity of water (approx. 1 kg) may also be needed.

Partial elastification of AQUAMAT

In cases the flexibility required is reduced, 25 kg of AQUAMAT may be mixed with 5 kg of ADIFLEX-B plus a quantity of water (approx. 4 kg), depending on the desired workability.

3. Elastification of tile adhesives

Full elastification of ISOMAT AK 20

The content of 1 bag (25 kg) of ISOMAT AK 20 is added into 10 kg ADIFLEX-B plus 1-2 kg of water under continuous stirring, until a uniform mixture is formed.

Partial elastification of ISOMAT AK 20

In cases the flexibility required is reduced, 25 kg of ISOMAT AK 20 may be mixed with 5 kg ADIFLEX-B plus a quantity of water (approx. 3 kg), depending on the desired workability.

Packaging

ADIFLEX-B is supplied in plastic containers of 1 kg, 5 kg, 20 kg, buckets of 10 kg and drums of 150 kg.

Shelf-life - Storage

12 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

Remarks

- The temperature during application should be between +5°C and +30°C.

ISOMAT S.A.
BUILDING CHEMICALS AND MORTARS
MAIN OFFICES - FACTORY:
17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 722 475
www.isomat.net e-mail: info@isomat.net