



DEKOFLEX-PU

Elastic joint sealing adhesive

- Elastic 1-component polyurethane joint sealing pigmented adhesive
- High elasticity and stable to light and UV
- Has good resistance to acid and alkalis in solution, saline solution, neutral water based detergents, as well as warm oils and greasy liquids

TECHNICAL FEATURES: DEKOFLEX-PU is a thixotropic, polyurethane elastic one component joint sealer, low-modules, it vulcanizes thanks to humidity which is normally present in the air. With DEKOFLEX-PU you can create highly resistant seals, especially resistant to atmospheric agents.

AREAS OF APPLICATION: DEKOFLEX-PU is used as sealer for floor joints in heavy duty spaces such as industries, alehouses, food industries, industrial kitchens, dairies, balconies, terraces as well as concrete elements (with movements up to 15-20% of joint wideness).

SUITABLE SUBSTRATES:

- Expansion joints, building joints in a vertical and horizontal application
- Joints of prefabricated components
- Joints of coverings in general
- Joints among bricks, blocks, masonry, wood, cement or metallic structures.
- Joints of floors, terraces, perimeter of windows and doors
- Joints of drainage ditch and suitable to seal hydraulic structures in general, and in contact with water
- Barriers of bridges and terraces
- Retaining walls
- Building coverings

METHOD OF USE:

SUBSTRATES PREPARATION:

The joint to be treated must be dry, able to bear loads and sealer free, free from dust and dispersed material, grease and oil free, free from paint and other materials which may act as separating agents. Clean with solvent glass, metal another non-absorbent surfaces; those surfaces must be free from any protection cover. Sandblast, clean and mechanically abrade from dust all the prefabricated panels which present chemicals leaking and/or polyethylene films. DEKOFLEX-PU has very good adhesion to most of the common building materials. Therefore, if the supports to seal are well prepared and solid, the use of primer is not necessary. In any case we always suggest to do some tests before using the production a variety of bricks, natural stones, plastics, paints, ceramic coatings and possible treatment of surfaces which present some difficulties during adhesion.

CONTRACT ITEM SPECIFICATIONS:

Supply and application of a polyurethane based sealant, one component with low elastic modules, to the elastic filling of fraction joints in floors, between tiles and expansion joints in general, as DEKOFLEX-PU by Benfer.



TECHNICAL ASSISTANCE



RC INSURANCE GUARANTEE



TECHNICAL MEETINGS



PROFESSIONAL USE

PRODUCT PREPARATION:

Before use, we recommend to keep the product at a temperature near to +25°C, to improve workability; we recommend to apply the product between 5°C and 30°C.

PRODUCT APPLICATION:

To guarantee the free movement of the sealer into the joint, the sealer should not be adherent to the upper and lower parts of the joint. For this reason, it is necessary to insert a polyethylene sheet at the bottom of the joint, at the right depth.

Extrude the sealer and apply it in the joint paying attention that it must be entirely in contact with both parts of the joint and with deepest part of the joint. Keep the applicator into the joint and flowing constantly the sealer avoiding to trap the air. Extrude a homogeneous quantity of product. Avoid to overlap the product.

CLEANING: Tiling and tools should be cleaned with alcohol when the adhesive is still fresh. Hardened product can be cleaned mechanically only.

CONSUMPTION: According to the dimensions of the joint.

PACKAGING: Cartridges 310 ml/600 ml in boxes of 6 Cartridges.

STORAGE: In the original unopened packaging in a dry and cool place.

SHELF LIFE: 12 months.

PRODUCT TECHNICAL DATA

Basis:	Thixotropic, polyurethane elastic 1-component joint sealer
Colours:	White, grey
Density:	1,30 g/cm ³
Application temperature/surface:	From + 5°C to + 35°C
Processing time:	2 hours
Hardening speed:	> 2 mm/24h
Hardness SHORE A:	20 - 25
Elastic modulus (100% DIN 53504):	< 0,4 MPa
Elongation at break (DIN 53504):	Aprox. 600 %
Capacity of elastic recession (DIN 52458):	85%
Movement capability:	25%
Resistance to temperature:	From - 40°C to + 80°C
Storage and duration:	12 months, in the original unopened packaging in a dry and cool place

* at 23°C and 50% relative humidity

PLEASE NOTE: The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.