

DESCRIPTION

PlekoFlex 40 It is a PU one-component, moisture-curing, elastic joint sealant with a low modulus for sealing building joints. It cures with atmospheric moisture to form a durable rubber seal. **PlekoFlex 40** is designed for sealing joints in aggressive environments, such airports runways, terminal ramps, hangers, transportation storage areas and other areas where the various fuels and liquids may come into contact with sealant after curing.

FEATURES & BENEFITS

- Good adhesion.
- Good chemical resistance.
- Pintable.
- Outstanding aging & weathering.
- Non-sag.
- Resistance to sea water & sewage.
- Standard grey & other colors are available.
- Resistant to jet fuel and hydraulic liquid.
- Resistant to fire & smoke spread (Special version).

USES & APPLICATIONS

- Concrete Flooring.
- Expansion and joint sealing to precast concrete, brickworks, and masonry.
- Parameter and curtain wall sealing.
- Glass, glazed surfaces, aluminum, steel, stainless steel & plastics rubber seal.
- UPVC and painted wood sealants.
- Cover bolts and overlaps for steel roofs.
- Transportation storage areas.

STANDARD COMPLIANCE

PlekoFlex 40 complies with the following standards: ISO 11600 F-25 LM, SNJF C cat 1, UBATC, DIN 18540 & ASTM C920, Type S, Grade NS, Class 25, Ose T, NT, O, M, G, I, ASTM C719, 794, D 412, D2240 T.& SS-S-200E & ISO 10545.

PACKAGING

Cartridges of foil pack 600 ml.

COLORS

Grey, White, and Off-white.

TECHNICAL PROPERTIES

Application temperature	+5°C/+30°C
Density	1.7 ±0.05 gm/ml
Joint movement capacity	>25 %
Temperature resistance	-30°C / +90°C
Shore A hardness	30 - 40
100% Modulus	0.4 N/mm ²
Tensile strength	0.5 - 0.55 N/mm ²
Adhesion to concrete	0.85 N/mm ²
Elongation at break	350 - 400 %
Adhesion in the peel to concrete	47.8 N

HOW TO USE

- All surfaces must be clean, dry, and sound.
- For normal exposure and on normal absorbent concrete substrates, the use of the primer is not required.
- It is applied directly from the cartridge.
- Finish with fresh clean water.
- For backup use closed-cell polyethylene rods Pleko.

YIELD

calculate foreseen yield for a standard 600ml sausage of **PlekoFlex 40**.

$$L = 600 / (W \times D)$$

Where: L = Length of sealant in meters obtained per cartridge.

D = Depth of the joint in mm

W = Width of the joint in mm

Joint Width (mm)	10	12	15	20	25
Joint Depth (mm)	6	8	8	10	12
Joint Length (m)/600 ml	10	6.2	5	3	2

PRECAUTIONS

HEALTH AND SAFETY

- Use goggles, Gloves and breathing mask when applying.
- Applied forced ventilation in confined spaces.
- Skin splashes to be removed with hand cleaner, soap and water.
- Eye splashes to be washed with plenty of water.
- If ingested seek medical advice.

SHELF LIFE & STORAGE

6 months if stored properly in original unopened packaging.

CLEANING AND DISPOSAL

Clean all tools & equipment immediately after use.

TECHNICAL SUPPORT

PLEKO provides on-site assistance, as well as consulting services on projects when requested.

Technical data sheets on other **PLEKO** products and guidance on their uses are available upon request



Additional Information

PLEKO provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

PLEKO designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction.

PLEKO reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

PLEKO extends technical services to include after-sales support to assist users in the proper handling of our products.