



INTERFLEX JOINT 2K (INTERFLEX)

TWO COMPONENT, POLYSULPHIDE BASED, HIGH RESISTANCE, ELASTOMERIC EXPANSION JOINT SEALANT

- High chemical, biological and mechanical resistance
- Excellent elasticity

DESCRIPTION

INTERFLEX JOINT 2K is a two component, polysulphide based joint sealant that provides excellent resistance against biological effects, weather conditions, atmospheric gases and resistant to oil, solvent, jet fuel and light chemicals.

TYPICAL APPLICATIONS

- Internal and external applications,
- Vertical and horizontal applications,
- Joint subject to underground waters,
- Airstrips,
- Power plants,
- Highways and bridges,
- Fuel tanks,
- Industrial surfaces subject to heavy vehicle traffic,
- Stadiums,
- Terraces and balconies,
- Joints subject to chemical and direct sunlight attacks.

ADVANTAGES

- High elasticity, excellent mechanical resistance.
- Resistant to biologic effect, high chemical resistance.
- Resistance to all weather conditions.
- High resistance to oil, solvent, jet fuel and light chemicals.
- Perfect adherence to different materials (concrete, brick, stone, metal, etc) when used with a suitable primer.
- Suitable for use with dilatation joints of up to 10 cm.

TECHNICAL PROPERTIES

Color: Grey

Physical State: Paste

Density: 1.55 ± 0,05 g/cm³

Application Temperature: +10 °C to +35 °C

Crustation Time: 75 to 90 minutes

Full Cure: 2,5 mm / 24 hours

Available For Traffic in: 24 to 48 hours

Service Temperature: -40 to +70 °C

Elongation At Break (ISO 8339): ≥ 300%

Elasticity Module (ISO 8339): ≥ 0,4 N/mm²

Breaking Force (DIN 53504): ≥ 1 N/mm²

Shore A Hardness (DIN 53505): 10

The values above are valid for 23 °C and 50% relative humidity.

DIRECTIONS FOR USE

SURFACE PREPARATION

- For expansion joints, application surface should be sound, dry, dust-free, and clean. Surface should be thoroughly cleaned from all kinds of residues, loose particles and laitance that would impair bonding strength.
- In order to provide the grounds for a proper application, remove/repair all defects on the concrete surface thoroughly until a sound and smooth substrate is reached.

APPLICATION

- Tightly place a polyethylene backer rod into the joint. (2.5 cm depth for 5 cm width).
- Prime the section of application area with **INTERPRIMER EPO FLEX** up to the sealant depth. No primer should be applied onto the backer rod.
- Use a masking tape on both sides of the application area.
- Mix the two components of **INTERFLEX JOINT 2K** sealant, using a low speed mixer until a homogenous mixture is achieved.
- Fill the joint completely using a trowel or a suitable sealant gun while the primer is still tacky.
- Remove the masking tape after application.

WATCHPOINTS

- Remove any laitance or weak surface layers.
- For sub-grade concrete wall applications, it is recommended to apply a protective layer onto the applied area in order to avoid any damages during backfilling.
- For applications on metal surfaces, clean the surface thoroughly using a wire brush.
- Not recommended for joints wider than 10 cm.
- The resulting mixture should be consumed within one hour after mixing.
- Do not below +5 °C.

CONSUMPTION

Approx. 2 kg/mt for 5 cm expansion joints

PACKAGING

3.94 kg container

STORAGE AND SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Product storage conditions should be adhered to, and the products should not be stored in humid and damp warehouses.

HEALTH AND SAFETY

As with all chemicals, contact with skin, eyes or mouth should be avoided during usage or storage. If accidentally ingested seek immediate medical attention. In case of contact with the skin, wash with plenty of water. Reseal containers after use.

NOTE: Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (01/2015)