



# INTERFLEX PU-F 2K (FIXPUR FLEX 2K F)

TWO-COMPONENT, POLYURETHANE BASED EXPANSION JOINT SEALANT

- Excellent waterproofing
- Wear and abrasion resistant
- Suitable for potable water applications

## DESCRIPTION

**INTERFLEX PU-F 2K** is a two component, polyurethane based, high performance joint sealant, specifically designed for large expansion joints on horizontal surfaces.

## TYPICAL APPLICATIONS

- Joints in airport runways,
- Joints in irrigation channels,
- Joints in water tanks,
- Wide expansion joints.

## ADVANTAGES

- Excellent resistance against fresh and salt water .
- Can be painted.
- Resistant against petroleum derivatives in case of accidental contact.
- Very good resistance against microorganisms, fungi, and various chemicals.
- Specific primers available for almost all sub-layer types.
- Excellent waterproofing.
- Excellent wear and abrasion resistance.
- Perfectly resistant against cyclic climate and temperature changes.
- Resistant to cold, maintains elasticity even at -40°C.
- High resistance to chemicals.

## TECHNICAL PROPERTIES

**Color:** Black

**Physical State:** Liquid

**Density:** 1.05 ± 0,05 g/cm<sup>3</sup>

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

**Pot Life:** 30 min.

**Drying Time:** 5 hours at 25 °C and 55% relative humidity

**Service Temperature:** -40 °C to +90 °C

**Hardness (ASTM D2240 / DIN 53505 / ISO R868 70):** ±25 shore A

**Elongation Percentage (23°C) (ASTM D412):** ≥ % 500

**Adherence On Concrete:** ≥ 2 N/mm<sup>2</sup>

**Water Vapor Permeability (ASTM E96):** 0,8 gr/m<sup>2</sup> hour

**Short-Term Max. Temp. (Shock):** 350 °C

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

## DIRECTIONS FOR USE

### SURFACE PREPARATION

Joints should be thoroughly cleaned and dried before application. If the base of joint is exposed, polyethylene (or polystyrene) joint backer rod should be placed leaving a gap of half of the joint width. (2.5 cm depth for 5 cm width).

### PRIMER APPLICATION

A priming agent suitable for surface and weather conditions should be used. **INTERPRIMER EPO WB** should be used for damp sub-

layers.

### APPLICATION

- Mix Components A and B thoroughly.
- Pour slowly into joints.

## WATCH POINTS

- **INTERFLEX PU-F 2K** is recommended for use in a temperature range from 5 °C to 25 °C. Pot life would be impaired if used at higher temperatures.
- Direct application onto weak substrates is not recommended.

## CONSUMPTION

Consumption quantities for linear square meters

WIDTH \ DEPTH	2 cm	4 cm	8 cm
1 cm	<b>0.280</b> Kg/m <sup>2</sup>	<b>0.560</b> Kg/m <sup>2</sup>	<b>1.12</b> Kg/m <sup>2</sup>
2 cm	<b>0.560</b> Kg/m <sup>2</sup>	<b>1.12</b> Kg/m <sup>2</sup>	<b>2.24</b> Kg/m <sup>2</sup>

## PACKAGING

**Component A:** 4 kg container

**Component B:** 8 kg container

## STORAGE AND SHELF LIFE

Store in dry and cool locations (temperatures between 5 °C - 25 °C). Shelf life is 12 months under suitable storage conditions.

## HEALTH AND SAFETY

As in the case of all chemicals, avoid from contact with foodstuff, skin, or mouth at the time of use or storage. Seek medical attention in case of ingestion. Wash with plenty of water and soap in case of contact with skin. Close its cap tightly after using. Wear gloves and protective goggles during application. It is dangerous to enter work area with flames. Keep out of reach of children.

**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)