

BPU SEAL 2K

BPU Seal 2K is a two-component, fully reinforced polyurethane based, cold applied, highly elastic, self-leveling, high mechanical and chemical resistance expansion and joint filler.

■ ADVANTAGES

Mixing the components in equal amounts, 1:1 volume, makes the process easier.

- Fast curing.
- Maintains elasticity between -40°C and +86°C
- Self-leveling, easy and fast to apply.
- Cold applied. Resistant to abrasion.
- Adheres perfectly to almost all types of surfaces, with or without primer.
- Although it does not need to be thinned, Dryfix Dfpur-355 Polyurethane Finisher can be used depending on the conditions.
- It is resistant to cold. The film maintains its elasticity up to -40°C
- It has excellent mechanical properties; its elongation capacity, tension, tear and abrasion resistance are high.
- It is resistant to chemicals.

■ APPLICATION FEATURES

Surface Preparations:

The surface should be cleaned, if possible using a high-pressure washer; oil, grease, fuel and paraffin residues should be removed, and it should also be completely free from mold release agents, cement residues, chips, loose particles and cured membranes.

Priming:

- For absorbent surfaces Df pur Primer 1K and Df pur Primer 2K
- For hard and normal surfaces Dryfx Dfc 100

Mixing:

After mixing equal amounts of the two components by hand or with a low-speed mixer (300 rpm), apply immediately.

The pot life of the mixture is 30-45 minutes at 20 °C.

Application:

After the subsurface preparation (complete, cleaning, priming), a polyethylene film of appropriate size is placed in the joint with masking tape on the edges, and during this process, care should be taken to ensure that the width / depth is 2/1.

Then, the prepared mastic is poured into the joint and applied. During application, it should be ensured that the mastic adheres to the opposite surfaces of the joint. Care should be taken not to adhere to the third surface (bottom). After the joint filling process is completed, the surface is smoothed with a suitable spatula and the masking tape is removed in the same way and the application is completed. • The packages that have been kept at room temperature (+15°C-+25°C) for 24 hours should be opened and mixed until a homogeneous consistency is reached.

The mixing process must be done by selecting a low speed mixer and a suitable tip.

- The material should be protected against water, rain, external factors and mechanical stresses until it reaches its optimum state.
- It should be kept in mind that the waiting period may be shortened in hot weather and may be extended in cold weather.

■ SCOPE OF APPLICATION

- In bonding carbon plate materials
- In the repair and bonding of all kinds of concrete, stone, marble etc. materials

All technical information stated in this product data sheet is based on laboratory tests.
Actual values may vary due to circumstances beyond our control.

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BPU SEAL 2K**■ TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES**

Intensity	1,45±0,05 g/cm ³
Colour	Grey
Hardness	35±5 Shore A
Viscosity	A Komp.: 1400-2000 cP B Komp.: 4000-5000 cP
Mixing Ratio (A+B)	2:1 by weight
Solid Matter	%85
Mixture Pot Life (+25 °C)	30-35 min
Elongation Percentage	>500 %
Complete Drying	7 day

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures. DryFiX is not responsible for the application errors arising from use of product beyond its intended purpose of failure to comply with the forgoing application conditions and advice on the product.

■ CONSUMPTION

Width \ Depth	2 cm	4 cm	8 cm
1 cm	0,280 kg/m	0,560 kg/m	1,12 kg/m
2 cm	0,560 kg/m	1,12 kg/m	2,24 kg/m

■ SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with plenty of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

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■ LEGAL WARNING

Applications that may occur if the product is used for purposes other than its intended purpose or if the above-mentioned conditions are not complied with: from the mistakes of İzersan Yapı Malz. San. Ve Tic. Ltd. Şti. is not responsible.

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