

GRADAFLEX PU 30
Polyurethane Based SealerTechnical Product Document
Date of Preparation : 15.08.2015

GRADAFLEX PU 30 is used for the concrete and isolation applications, especially construction industry. It is one component and elastic sealer and adhesive.

- Cures with humidity,
- Does not contain PVC,
- Does not occur any air bubble during curing stage,
- UV strength is high,
- Can be sanded and Overpaintable after curing.
- Temperature resistant from -40 °C to +90 °C. (For the short intervals up to +120 °C)

Technical Data

Base	Polyurethane
Colour	White, Black, Gray (Other colours on request.)
Density	1.44 g/cm ³ (DIN 53479)
Viscosity	Paste, non-sag
Hardness Shore A	~35 (DIN 53505)
Elongation at tear	% 800
Tensile strength	2,4 N/mm ²
Change in volume	< %3
Time for skin formation	25 min. (± 5 min.)
Curing	3 mm at 24 hr (+20 °C, % 65 R.H.)

PROCESSING

Processing temperature;
Between +5 °C to +35 °C.

Preparation;

The surfaces to be bonded must be clean, dry and free from dust and grease. For cleaning special solvent mixtures, suitable primers should be used.

For the suitability of this product to application system, some tests should be done by user before the usage.

Bonding;

Apply GRADAFLEX PU 30 to surface to be bonded by using suitable gun. The thickness of the layer changes according to types of materials. After the application of GRADAFLEX PU 30, join the materials within the time of skin formation. Mechanical fixing of materials are suggested until the complete curing. The curing time is dependent on temperature, humidity and layer of GRADAFLEX PU 30

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Clean tools immediatly after user. Cured materials can only be removed mechanically.

Special Notes**Storage;**

Keep the packages in dry and cool places. Do not store at temperatures above +25 °C. The storage time is about 12 months.

Tools;

Spatula, cartridge or sausage gun.

Safety

Read our Safety Data Sheet and label of product before use.

Be careful to the directins given in the Dangerous Sabstance Regulation.

Keep the safety data sheet under your hand for unexpected situations.

Packaging Units

600 ml. White

600 ml. Black

600 ml. Gray

Table 1: **Consumption Schedule**

Joint Width [mm]	Joint Depth [mm]	Joint Length (300 ml Cartridge) [m]	Joint Length (600 ml Sausagge) [m]
10,00	8,00	3,75	7,50
15,00	8,00	2,50	5,00
20,00	10,00	1,50	3,00
25,00	12,00	1,00	2,00
30,00	15,00	0,67	1,33

Please, for safety related data refer to the safety data sheet!

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