

GRADAFLEX PU 2KY

Polyurethane Based, Two Component, Joint

Technical Product Document

Date of Preparation : 17.04.2017

Revised : 12.10.2023

DESCRIPTION

GRADAFLEX PU 2KY, self-leveling polyurethane sealant ideal for horizontal applications. Its elasticity allows it to absorb continual movements of the structure caused by thermal changes without problems of cracking.

PROPERTIES

- Two component • Easy to mix • Fast cure • Self-leveling consistency, easy to apply in horizontal joints • Possesses permanent elasticity • High adhesion strength
- Capable of $\pm 25\%$ joint movement • Paintable

APPLICATIONS

- Used for sealing of horizontal joints • Interior and exterior
- Expansion joints between many different construction materials • Industrial floors • Driveways/Garages

INSTRUCTIONS

- Before application, be sure that joint surfaces are clean, dry and free of all contamination. • Apply sealant evenly, If necessary, use masking tape and remove the tape while the sealant is still soft. • Pour entire contents of Component B into a pail of Component A. • Mix for 5-10 minutes to achieve a uniform color and consistency with a low speed drill (400- 600 rpm). • Avoid entrapment of air during mixing.
- Apply sealant in 15 minutes. • Joint dimension should allow for 6mm minimum and 12cm maximum thickness for sealant.
- Proper design is 2:1 width to depth ratio. • If necessary, use back up material to adjust joint depth.

STORAGE AND SHELF LIFE

9 months if stored in its original package, away from direct sunlight and moisture, between +10 °C - +25 °C

RESTRICTIONS

- Avoid application below +5 °C and above +35 °C. • Do not apply on frozen or wet surfaces or through standing water. • Do not cure in the presence of curing silicones.
- Minimum depth in working joint is 6 mm. • Maximum expansion and contraction should not exceed 25% of average joint width. • Avoid exposure to high levels of chlorine.

Consumption: 1,30 kg/lt

Packaging : A comp. 6 kg+ B comp. = 3 kg

Cautions / Limitations: • Do not smoke, fire and use sparkle tools during the application • It may be harmful with skin contact. • Do not apply in freezing conditions or during precipitation. • Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry. • Do not use when air and surface temperatures are below +5°C and above +35°C. • Avoid heavy traffic for 24 hours

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person. Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations. Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from GRADA Company. Please contact with technical service department for further information and support.

Technical Data

Content	Polyurethane
Color	Grey (Paintable)
Mixture Density	1,30 g/cm ³
Mixing Ratio	2:1 A:B (by weight)
Elasticity	% 250
Shore A Hardness	25 \pm 5
Tensile Strength	0,75-1,0N/mm ²
Application Temperature	+5°C to +35°C
Pot Life	60 minutes
Curing Rate (23 °C%50R.H)	Min. 3mm/day
Curing	24 hours
Heat resistance	-40°C to +90 °C
HS Code	3214.10.10.00.12

Considering the diversity of paint base and quality, compatibility tests should be done before application.

GRADA YAPI KIMYASALLARI VE INSAAT MALZEMELERİ ÜRETİM SAN. TİC. A.Ş.

Adress : Cınardere Mah. Akan Sokak No:13 Kat: 2 3 Nolu Bolum Pendik -İstanbul /TÜRKİYE

Tel : +90 216 379 83 53 /52 Fax : +90 216 379 83 51

E-mail : info@grada.com.tr web : www.grada.com.tr

