

FlexDERZ PU Joint Filler Anti-Kerosen

Jet and Fuel Resistant, Polyurethane Based Joint Filling Mast Product Description:

Two component, self leveling, polyurethane based grouting and waterproofing material resistant to jet fuels.

Usage areas:

- Suitable for concrete, surface hardener, asphalt, natural stone, mosaic and sheet metal surfaces with suitable primer.
- Due to chemical durability, it is especially ideal for areas subject to chemicals.
- It can be applied easily in electrical cable joints.
- Airports, ports and shipyards.
- On floors affected by oil and fuel.
- Refineries, Petrol stations, fuel centers.
- Military spaces.
- Industrial areas, warehouses.
- Parking garages.
- It is used in joints of asphalt and concrete roads, repair of cracks, joints.

Features and Benefits:

- Manufactured according to TS 5926 EN 14188-2 / March 2006 standard.
- Self-locating feature is high (sl-type).
- Resistant against de-icing chemicals.
- Polyurethane Based.
- Solvent.
- Cold applied, jet fuels resistant to TS 5926 DIN EN 14188-2, American Federal Specification SS-S-00200 D and British Standard 5212 specifications.
- It is a special product specially designed for the use of airports in the joints of aprons and runways.
- It can be applied by self-leveling, manual pouring or jointing machine.
- Resistant to oils and many chemical substances.
- Flexibility does not deteriorate at various air temperatures.

Application Details: Surface Quality:

The surfaces should be clean, smooth, solid and dry, and weak parts should be removed from the surface. No application on moist surfaces.

Surface Preparation:

Joints; Before application, it should be thoroughly cleaned by wire brush, spiral or sandblasting, and dust should be removed from the joint by spraying air.

Surface and Environment Temperature:

+ 5 ° C to + 50 ° C

Application Instructions:

A masking tape is adhered to the upper parts of the joints to prevent them from reaching the middle. This practice must be done in order to prevent the mast from being contaminated and to make it come out smoothly.

It is used with cartridges / sausage guns / mouthwashing gun to print the masticatory paste. Istanbul Teknik Co. FlexDERZ PU Joint Filler Anti-Kerosen is mixed in the package with low speed mixer and placed in sausage gun. The tip of the cannula is adjusted according to the joint gap to be applied. By pressing the sausage pistol trigger, the polyurethane mast is allowed to go forward. 3-5 minutes after the cyst is hardened, the gloved pointer finger is immersed in the arab soap. Then, on the drawn mast, it is possible to move the surface smoothly by moving back and forth. After this process is complete, the masking tape is removed and discarded.

Curing Phase:

Components A and B should be applied within an average of 35 minutes after mixing. The product will dry completely within 24 hours, mechanical strength within 48 hours, full strength within 7 days

Application Method / Equipment:

Sausage gun, soap bar, masking tape, scissors or model knife.

Consumption:

Density 1,30 kg / lt ± 0,3

Cleaning:

After application, direct sunshine, strong wind, high air temperature (above + 35 ° C) should be protected against adverse weather conditions such as rain and frost.

Cleaning of Equipment:

Immediately after application, the equipment should be cleaned with Thinner, yet not hardened.

Potlife:

Approximately 35-40 minutes at 20 ° C

Cleaning Time:

Approximately 60 minutes at 20 ° C

Application Notes / Limitations:

All mastions should be done at temperatures above + 5 ° C. Because moisture on the surface affects adherence negatively. It is recommended that Bond 110 be applied as a primer to the grooved joints. Surface to be applied FlexDERZ PU Joint Filler Anti-Kerosene must be absolutely dry, free from moisture and debris.

Technical data:

Chemical Structure Polyurethane Based

Color Black, gray, white, red

Density 1,30 ± 0,3 (kg / lt.)

Pot Life (23 °C) 35-45 (min.)

Hardness (Shorea) 20-35

Application Temperature 5 - 35 °C

Breaking Strength 1,50 N / mm²

Elongation ~ 600%

Return 98% (TS 5926 EN 14188-2)

Primer Istanbul Teknik Co.bond 110

Primer Drying Time 10 min. - 30 minutes.

Drying time: Different surfaces and air temperatures may affect the use and drying times. values +20 ° C for the desired temperature environment. High temperatures shorten the time, low temperatures prolong the time.

Packing:

A + B: 5kg and 10kg Set.

Storage Conditions / Shelf Life:

Unopened and undamaged original packaging, at room temperature 12 months from date of production.

Notes:

All technical data contained in this product data sheet are based on laboratory tests. The actual data obtained is obtained from Istanbul Teknik Co. May vary due to circumstances beyond its control.

Local Limitations:

Please note that due to local regulations, the performance of this product may differ from country to country. Please refer to the local product information leaflet for exact recipes of application areas.

Health and Safety Information:

Users should refer to the material safety data sheet (MSDS) of the product for information and recommendations on the safe transport, storage and disposal of chemical products, including physical, ecological, toxicological and other safety related information.

Legal Notes:

The technical information given about Istanbul Teknik Chemicals products covers especially applications and end uses. In the interest of Istanbul Teknik Chemicals, these products are given in good faith on the basis of the knowledge and experience that Istanbul Teknik Chemicals owns and maintain in appropriate conditions. The products, application surfaces and application areas are very diversified. When using Istanbul Teknik Chemicals products, be sure that you apply the correct product, the right way, the correct application conditions and the right place. We strictly abide by the information and instructions given by Istanbul Teknik Co. Yapı Kimyasalları regarding commercial availability and / or suitability for a certain purpose. Istanbul Teknik Chemicals are not responsible for any damage that may otherwise occur. The Building Chemicals Practitioner should test the suitability of the product for the application and purpose it considers to use the product. Istanbul Teknik Chemicals reserves the right to change the properties of its products. The property rights of third parties must be observed. Upon acceptance of all orders, we will be based on our current terms of sale and shipping. Users should refer to the latest edition of the local Product Data Sheet for the product concerned by contacting Istanbul Teknik Chemicals.