

YAPIFINE GOOP® PUTTY TX

Polyurethane Based Thixotropic Joint Filling Sealant



Product Definition

Three component polyurethane based bitumen modified grouting and waterproofing material that is resistant to jet fuels.

Areas of Use

- Together with compatible primer, on surfaces of concrete, floor hardener, asphalt, natural stone, mosaic and sheet metal,
- Areas under effects of chemicals,
- Airports, seaports and shipyards,
- Floors under effect of oil and fuel,
- Refineries and filling stations,
- Industrial areas, storehouses,
- Parking areas,
- Grouting and crack repair of asphalt and concrete roads,
- Vertical applications.

Advantages

- Solvent-free.
- Polyurethane-based.
- Applicable in vertical applications since it does not sag.
- High resistance against defrosting chemicals.
- Resistant against oils and various chemicals.
- Flexibility maintained under various air temperatures.

Technical Specifications

Appearance	Black	Mechanical Strength	48 hours
Pot Life	35 – 45 minutes	Final Strength	7 days
Density	1.35 kg/L ± 0.03	Tensile Strength	1.50 N/mm ²
Application Temperature	Between +5°C and +40°C	Hardness (Shore A)	20 – 35
Service Temperature	-30°C / +80°C	Elongation	400 - 600 %
Initial Curing	24 hours	Return	98 %

* Hereby technical values and product application instructions are obtained in the wake of tests conducted in environment of +23±2°C temperature with relative humidity of %50±5. Higher temperatures will shorten the time span, while lower temperatures will extend it.

 Packaging	10 kg Set
--	-----------

 Consumption	10 mm x 10 mm joint in ~115 g/linear meter
--	--

Surface Preparation

The surfaces should be clean, smooth, even and dry and weaker particles should be removed from the surface. Avoid application on humid surfaces. Before application the joints should be thoroughly cleaned with a wire brush, spiral or sandblasting. The joint space should be dusted by blowing air into it. In order to keep the sealant from spreading around and to make it come out smoothly, a masking tape is used on the upper part of the joint, without the tape reaching the center of the joint. The joint width should not be less than 6 mm. The joint widths should be between 10-30 mm and the depth should be between 6-15 mm. (Approximate ratio: depth/width = 1/2). In order to adjust the aforementioned values, base material (polyethylene fuse etc.) should be used inside the joints. In highly porous weak joints, the joint cheeks should be primed with YAPIFINE BASE EPOXY PRIME.

Mixture Preparation

YAPIFINE GOOP PUTTY TX is prepared by mixing components A, B and C together and stirring the mixture with a low speed mixer after which is placed in

a sausage gun. According to the joint width the tip of the cannula is adjust. The mixture should be used for application within 35 minutes.

Application Information



The sealant cartridge is placed into the sausage gun and is then moved forward by pulling on the trigger. For the joints where the polyethylene fuse was used starting from the surface the fuse was placed on, the inner left and right surfaces and then the remaining center of the joint are filled. The filled joint surface is then smoothed and evened out with a joint spatula and the masking tapes are also immediately removed without deforming the shape of the joint.

Application Conditions

Ambient temperature: between +5 °C and +30 °C. Joint surfaces of application should be dry and free of moisture. Make sure that the applied sealant adheres to the inner surfaces of the joints but not to the bases. Varying surfaces and air temperatures may affect service and drying time. After application, the area should be protected against adverse weather conditions such

as direct sunlight, wind, high temperatures (above +50°C), rain and frost. After application, clean the tools and equipments with an appropriate solvent. The final consumption amount might vary depending on application conditions and surface characteristics.

Shelf Life

The shelf life of the product is 12 months when it is stored on wooden pallets in a cool, dry and moisture free environment with an ambient temperature between +10°C and +25°C.

Safety Precautions

The operator should be wearing proper work attire, goggles, mask and protective gloves appropriate to work and worker safety regulations. In case of contact with the eyes, rinse with plenty of water before seeking immediate medical attention. Rinse with plenty of water in case of contact with the skin. During the application smoking should not take place and fires shouldn't be lit. For further information on the safe handling of this product please read the Safety Data Sheet (SDS).