

ELASTEX 105/25

Oxidized bitumen for structure waterproofing (hot application).

Product description

ELASTEX 25/105 is a high-grade oxidized bitumen without mineral additives.

Product Uses

Waterproofing roofs, foundations, cellars, shelters, adhesion of BITUGLASS and tar paper and production of GUSS ASPHALT in accordance with IS 68.

Packaging

Barrel 170 Kg

Cardboard box 14.5 kg



Advantages

- ✓ Excellent resistance to ambient temperature.
- ✓ Meets the requirements of Israeli Standard 1752 for incorporation of bituminous sheets in concrete roof waterproofing systems.

Technical Specifications

Test type	Test results	Testing techniques
Specific weight	1.03 (gr/ml)	
Minimal flash point	250°C	
Softening Point	100-110°C	ASTM D36
Penetration at 25°c , 0.1 mm	20-30	ASTM D5

Method of Use

Surface Preparation

- ✓ Make sure the infrastructure is straight, without bumps and depressions.
- ✓ Make sure the infrastructure is dry.
- ✓ Thoroughly clean all surfaces designated for waterproofing of any dust, casting crust, concrete crumbs, fat and any other foreign substance that may interfere with the membrane connecting with the cement and remove loose parts and refuse.
- ✓ At every meeting point of vertical and horizontal surfaces, a rounded joints casting must be designed as required. PAZ ROLKA type industrial bitumen rounded joints casting may be implemented.

Foundation layer - Primer

- ✓ Implement on concrete after at least three weeks from the casting date.
- ✓ Apply a 250 g/m² layer of bituminous primer type GS474 over the prepared infrastructure, while ensuring a good brushing spread, without leaving puddles or excess material.
- ✓ Allow to dry for about 4 hours before applying ELASTEX 105/25 This time frame may be shortened respective of weather conditions.

Method of Use

Method of application

- ✓ Barrel heating - gently warm the ELASTEX 105/25 barrel to a temperature of 170°C -200°C ensuring the complete melting of the bitumen mass. Barrel heating will be implemented according to the rules and to safety instructions.
- ✓ Over a well prepared surface, apply the ELASTEX 105/25 in layers of about 1.5 kg/m². The overall thickness of the waterproofing layer should be consistent with the planning requirements. The material can be reinforced with glass mesh (Interglass).
- ✓ If whitening is planned, spread the surface with clean fine sand while the ELASTEX 105/25 is hardening, in

order to reduce the shimmer and improve the level of adhesion between the ELASTEX 105/25 and the whitening agent. ELASTEX 105/25 membrane may be whitened using ACRYLPAZ, AKRILPAZ-PLATINUM, MASTER ROOF or INOPAZ, following the application of XL100 primer; SILVERPAZ silvering agent may also be used.

- ✓ When applying a waterproofing layer between two concrete slabs, it is possible to pour it in a single layer to the final thickness.
- ✓ We recommend reinforcing wall / floor junction areas by pre-adhesion of a SUPERTIGHT bitumen membrane or by applying fiberglass between layers.



Method of Use

Remarks

- ✓ It is important to ensure careful and uniform warming of the packaging walls, both around and at the bottom of it, all in accordance with safety regulations.
- ✓ Refrain from spot heating or excessive heating.
- ✓ Make sure the bitumen temperature during heating does not exceed 200°C.
- ✓ Position the heating container on a solid and stable horizontal, metallic base.

Safety instructions

- ✓ Before using the product, you should read the safety instructions and warnings that appear on the product label and the safety data sheet (MSDS) which can be obtained from Pazkar Ltd.
- ✓ Follow the guidelines of the Ministry of labor and the Institute for Occupational Safety and Hygiene when handling hot bitumen and its heating process.
- ✓ **Not for human consumption.**
- ✓ While working, use personal protective gear (complete protective clothing, appropriate shoes, gloves, face mask).
- ✓ Use proper, high quality tools suitable for their intended purpose.
- ✓ Do not heat the product within a distance of less than 6 meters from flammable materials.
- ✓ When heated, the material may release toxic, flammable fumes that may be ignited by heat, sparks or flames, and may back blast and cause an explosion hazard.
- ✓ Hot material may result in serious burns.
- ✓ Contact of hot material with water may result in spillage.
- ✓ Do not fill the container to the brim to prevent spillage.
- ✓ The material should be used and heated in a well ventilated area.

For Safety detailed instructions please refer to Pazkar's safety membranes (MSDS)

Warranty

Pazkar's products are manufactured to rigid standards of quality. Pazkar makes no representations or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice. Users must always refer to the most recent issue of the local product data publication for the product concerned. The user of the product must test the product's suitability for the intended application and purpose. Due to differences in materials, substrates and site conditions Pazkar assumes no liability whatsoever, and disclaims any express or implied warranty, relating to its products including but not limited to, the implied warranty of merchantability, fitness for a particular purpose, nor any liability arising from any legal relationship. Subject to our terms and conditions, Pazkar grants a product warranty certificate for specific products, for any further information please contact us at info@pazkar.co.il. All orders are accepted subject to our current inventory, terms and conditions of sale and delivery.