Catalog Number: Y15101, 10801, 10902

HOT BITUMEN 40/50, 45/55, 60/70

For protection of concrete structures (hot application)

Product description

Hot bitumens types 55/45 ,50/40 and 70/60 are semi-hard penetration grade oxidized bitumens, without additional mineral substances.

Product Uses

Protection of foundations, water ducts, retaining walls, installation of Bituglass and tar paper. Installation of insulating panels, wrapping steel pipes and more.

Packaging

170 kg Barrel |
Bulk (hot bitumen 70/60)



Advantages

- ✓ Good resistance to ambient temperature.
- ✓ Meets the requirements of the general specifications.

HOT BITUMEN

Technical Specifications

Test type	Test results			Testing techniques
Bitumen type	40/50	45/55	60/70	
Appearance	Black bituminous material			
Specific weight (gr/m2)	1.03			
Flash point	> 250°C			
Penetration at 25°C and 0.1 mm	40/50	40/55	60/70	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 joins casting must be designed as required. PAZ ROLKA type industrial bitumen rounded joins casting may be implemented.

Foundation layer - Primer

- ✓ Apply over concrete after at least three weeks from the casting date.
- ✓ Apply a 250 gr/m^2 layer of bituminous primer type GS474 over the prepared infrastructure, while ensuring a good brush spread, without leaving puddles or excess material.
- ✓ Allow to dry for about 4 hours before applying HOT BITUMEN. This time frame may be shortened respective of weather conditions.
- ✓ Barrel Heating - Gently heat the hot bitumen barrel to 170°C-200°C Ensure complete melting of the bitumen mass. Barrel heating will be implemented according to the rules and the safety instructions.
- ✓ Over a well prepared surface, apply HOT BITUMEN in layers of about 1.5 kg/m^2 per layer. The overall thickness of the waterproofing layer should be consistent with the planner's requirements. Can be reinforced with glass mesh (Interglass).
- ✓ 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 sheet or by applying fiberglass between layers.shortened respective of weather conditions.

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 and excessive heating.
- ✓ Make sure bitumen temperature during heating does not exceed 200°C.
- ✓ Position the heating container on a solid and stable horizontal, metallic base.

Safety instructions

- ✓ Not for human consumption
- ✓ 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 during its heating process.
- ✓ 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 ignite backwards. 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 avoid spillage.
- ✓ The material should be used and heated in a well ventilated area.

For Safety detailed instructions please refer to Pazkar's safety sheets (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 infopazkar@pazkar.co.il. All orders are accepted subject to our current inventory, terms and conditions of sale and delivery.

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