Catalog Number: Y11901, Y11902, Y11903

ELASTOGUM 795

Elastomeric bitumen for waterproofing structures (hot application)

Product description

ELASTOGUM 795 is an SBS modified elastomeric sealant that creates a flexible layer which maintains its continuity even during movements and vibrations.

Product Uses

Waterproofing roofs, plinth walls, cellars, underground structures, wet room floors and concrete pavements of bridges. Energy absorbing layer in pavements (SAMI).

Packaging

Barrel 170 Kg
Can 15 kg
Cardboard box 18 kg



Advantages

- ✓ High elasticity
- ✓ High resistance to ponding water
- ✓ Resistance to groundwater infiltration
- ✓ Forms a continuous, strong, elastic, waterproofing layer
- ✓ High recovery strength
- ✓ Excellent adhesion to concrete
- ✓ Resistance to chlorides
- ✓ Quick application and drying

ELASTOGUM 795

Technical Specifications

Test type	Test tesults	Testing techniques
Specific weight	1.02 (gr/ml)	
Minimal flash point	250°C	
Minimal softening point	>100°C	ASTM D36
Penetration at 25°c , 0.1 mm	30-40	ASTM D5
Elasticity in cold temperature	-4°C	ASTM D522
Tensile strength	9.2 Newton/mm^2	ASTM D412
Elongation	1400%	ASTM D412
Resistance to water pressure 1 atm.	Resistant	DIN 52123
Recovery	91%	ASTM D412

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

- ✓ Implement on concrete after at least three weeks from the casting date.
- ✓ Over the prepared infrastructure, apply a 250 gr/m^2
- ✓ layer of bituminous primer type GS474, while ensuring a good brush spread, without leaving puddles or excess material locally.
- ✓ Allow to dry for about 4 hours before applying Elastogum, all respective of weather conditions.
- ✓ Epoxy primer XL100 may be implemented (see application instructions in the product membrane) to prevent possible appearance of bubbles.

Method of Use

Method of application

- ✓ Barrel heating - gently warm the Elastogum 795 to a temperature of 180°C-200°C ensuring the complete dissolution of the bitumen mass. The heating will be done in accordance with all safety rules for works of this kind.
- ✓ Heating Elastogum in a cardboard box - remove the bituminous material from the cardboard box, and place it in a suitable heating device with temperature 180°C-200°C control and a double-walled tank (without direct flame on the material).
- ✓ Over a well prepared surface, apply Elastogum 795 in layers. The overall thickness of the waterproofing layer should be consistent with the design requirements. The material can be reinforced with glass mesh (Interglass).
- ✓ If whitening is planned, spread the surface with clean fine sand while the Elastogum 795 is hardening, in order to reduce the shimmer and improve the level of adhesion between the Elastogum 795 and the whitening agent. It is recommended to apply XL100 type epoxy primer, at a quantity of 100-150 gr/m^2, in order to prevent the yellowing of the whitening material. Elastogum 795 membrane may be whitened using Inopaz, Master Roof, Acrylpaz Platinum or Akrilpaz made by Pazkar. Silvering may be also performed using Silverpaz type material without a need for primer.
- ✓ When applying a waterproofing layer between two concrete slabs, it is possible to pour it in a single layer to the final thickness. The material's hardening time is consistent with the cast thickness and weather conditions.
- ✓ We recommend reinforcing wall / floor junction areas with PAZ ROLKA an industrial bitumen rounded joins casting and pre-adhesion of a Supertight bitumen membrane.

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.
- ✓ 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 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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