



FIELD OF USE FOR 1"-2"-3" THICK PRODUCTS

INDEX ELASTOCENE® SUREBASE

- Reinforced Elastoplastic Polymer-Bitumen
Waterproof Base Sheet Membrane



Dated: 30 January 2006

Description

Elastocene SureBase membrane is made up of a new and special mixture of distilled bitumen for industrial use, Elastomers and Polyolefin Copolymers.

Elastocene SureBase membrane is reinforced with composite "non-woven" 130 grams polyester fabric and fibreglass for improved resistance and elasticity.

Manufacture

Elastocene SureBase is manufactured by INDEX Construction Products SpA of Italy to high Quality Standard ISO 9001 Certified. Product is monitored throughout every stage of production as set with external standards by recognised testing authorities.

Recommended Use

As a Base Sheet in Multi-Layer System

Elastocene SureBase Polyolefin modified membrane is compatible with INDEX SBS and APP membranes.

Elastocene SureBase is INDEX Construction Products SpA and Hitchins New Zealand Limited recommended Base Sheet, used in conjunction with all other INDEX membranes.

Elastocene SureBase membrane can also be installed as a double layered membrane system for tanking or under tiles, pavers etc.

Elastocene SureBase technical specification meets the standards set in the Code of Practice for Torch-On Membranes.

Properties

Elastocene SureBase membrane is flexible in cold weather conditions and heat resistant, remaining elastic even when aging. This membrane has excellent adhesion to all substrates with optimal flexibility to accommodate structural stress.

The type of reinforcement incorporated, provides tensile strength and transit stability, yet the membrane has a certifiable flexibility (EN1109) at -20°C.

The underneath of the membrane is coated with Texflamina which melts when torched and the top surface is finished in sand to provide protection until Cap Sheet is installed. Therefore ideal for multi-stage projects.











Hitchins New Zealand Ltd.

7 Masfield Street, PO Box 40-749, Upper Hutt, Wellington, New Zealand


Ph 64-4-527 7248 Freefax 0800 4 448 622, Webpage: www.hitchins.co.nz, Email: office@hitchins.co.nz

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| Advantages of Elastocene SureBase | <p>This new Polyolefin Modified Reinforced Bitumen Membrane is designed to act specifically as a Base Sheet for any INDEX membrane Cap Sheet, due to:-</p> <ul style="list-style-type: none"> • Strong, well reinforced, yet elastic • Can be installed all-year-round • Easy to un-roll in winter with no damage • Excellent adhesion to all substrates • Polyester fibreglass composite reinforcement does not "shrink" in hot weather conditions • Age-resistant and long lasting flexibility • Stronger overlap joints compared to standard membranes • After 28 days at 80°C the peel strength is still 50 N/5 cm and the flexibility is still 0°C. • Sand finish to provide protection over prolonged period until Cap Sheet installed. • All INDEX membranes can be installed over with very good inter-bond. |
| Installation | <p>Elastocene SureBase is to be installed over a thoroughly prepared, clean substrate that has been pre-primed with INDEX Indeever Primer.</p> <p>Installers must adhere to product dataspecs, written installation instructions, Code of Practice for Torch-On Membranes and attend Hitchins' Training Seminars.</p> <p>Installers to abide by Health and Safety Requirements for the handling of INDEX products and onsite safety requirements.</p> |
| Compliance | Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code |
| Warranty | Elastocene Surebase, as part of a HITCHINS process, is covered under HITCHINS <i>Product Performance Warranty</i> for "that" products process, as per our warranty schedule. |

| TECHNICAL CHARACTERISTICS | | ELASTOCENE SUREBASE P |
|---|--|--|
|  | Reinforcement | Polyester/glass composite 130 grams |
|  | Flow Resistance at 100°C (EN 1110) | Stable |
|  | Flexibility at low temperature (EN 1109) (1) | -20°C |
|  | Tensile Strength Long./Trans. (EN 12311-1) (2) | 450/350 |
|  | Elongation Long./Trans. (EN 12311-1) (2) | 45/45 |
|  | Shear Resistance of the joints (EN 12317-1) | >=500 N/5 cm or breakage outside the joint |
|  | Resistance to Tearing Long./Trans. (EN 12310-1) | 150/150 |
|  | Puncture Resistance on cement (static/dynamic) (UNI 8202) | PS+ /PD+ |
|  | Dimensional Stability in Hot Conditions Long./Trans. (EN 1107-1) | -0.25/0.10 |
|  | Impermeability to water (EN 1928) | >= 60kPa |

Nominal value tolerance conforms to UEAtc directive for polymer-bitumen membranes, January 1984. According to prEN 13707 Standards (August 1999) s 5.3.2. as vapour barrier resistance factor u for reinforced polymer-bitumen membranes can be taken as >20,000.

| FINISH | DIMENSIONS AND PACKAGING | | | |
|--|-----------------------------|-----------------|-----------------|---------------------------|
|  <p>EMBOSSING: The embossing on the lower surfaces of the membranes finished with Textflaming film makes it possible to lay the product precisely and quickly, forming a smooth surface when melted with the torch. It indicates the correct melting temperature and lets the film retract faster. The embossing also enables optimal vapour diffusion; in spot bonded and loose laid installation, in the points where it remains intact, preventing blisters and swelling.</p> | WEIGHT Kg/m ² | THICKNESS mm | ROLL SIZE mt | No of ROLLS per PALLET |
| | 3.8 | 2.6 | 10 x 1 | 34 |

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE

• IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS

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Construction Systems and Products

Via G. Rossini, 22 - 37060 Castel D'Azzano (VR) - Italy - Tel. +39.045.8546201 - Fax +39.045.512444

INTERNET: www.index-spa.com
E-MAIL: index.export@index-spa.it

TOTAL QUALITY
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Quality System
ISO 9001

Environmental
Management System
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