

ELASTOSEAL 800

**An Elastomeric, Rubberized, Cold Applied, High Performance,
Seamless Waterproof Coating.**

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DESCRIPTION

ElastoSeal 800 is a cold applied liquid waterproofing membrane, specially designed from a blend of special resin and rubber, reinforced with special water repelling fillers, minerals, stabilizers and gelling agent.

USES

Ideal waterproofing system for concrete roofs, polyurethane foam slabs, polyester built up roofs, maintenance of existing roofs, masonry and concrete walls, bathrooms, basements, bridges, decks, metal surfaces etc.

SALIENT FEATURES

- ❖ **ElastoSeal 800** is a highly elastic product and cures to a rubber like membrane capable of withstanding severe cases of expansion, contraction and deck movements.
- ❖ Highly resistant to oxidation because of unique additives used in compounding it.
- ❖ Non cracking.
- ❖ More durable than normal asphalt coating and lasts longer than most other coatings.
- ❖ Superior wetting and adhesion properties ensure durable bond and resistance to peeling, chipping, and/or separation and a longer life.
- ❖ Unique property of adapting itself over the irregular contours of the deck and forming a waterproof and impervious blanket coat.
- ❖ Single component, requiring no mixing.
- ❖ Cold applied - no heating equipment required.
- ❖ Saves labor costs.
- ❖ Waterproof seamless coat

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SURFACE PREPARATION

The surface must be thoroughly cleaned and should be free of dirt, gravel, dust and oil. The concrete should be dry and smooth. When applying directly over concrete or old, dry asphalt, prime first with primer coat. When using as a top coat to protect and rejuvenate existing smooth asphalt roofs, first repair all blisters, cracks, split seams and flashing.

PRIMER

For priming, primer coat of **ElastoSeal 800** is applied on prepared surface. For primer coat use diluted **ElastoSeal 800** as follows.

Water	: 25 parts by weight
ELASTOSEAL 800	: 75 parts by weight

FIRST AND SUCCEEDING COAT

The coating is applied straight by using standard roofing brooms, brushes, squeegees or airless spray equipment, please check the viscosity to insure smooth spray of the product. After full curing (8 – 10 hours) of coating, apply succeeding coats.

COVERAGE

Theoretical coverage of **ElastoSeal 800** is approximately 1 sq. mtr. / ltr. at 800 microns.

STANDARDS

Conforms to ASTM D - 2823, D - 412, D - 471, E - 96 / BW, C – 836

LIMITATIONS

ElastoSeal 800 is not suitable as an exposed or wearing surface membrane. In such situations **ElastoSeal 800** has to be used in combination with an exterior weather or wear resistant surface coating or substrate. Do not apply when rain is imminent, material may be water damaged in early stages of cure.

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PHYSICAL PROPERTIES

Form	: Single component paste type
Colour	: Black
Tack free time	: 10 to 12 hours @ 35 C
Specific Gravity @ 25 C	: 1.85 ± 0.15 (ASTM D 1644-03)
Solids content	: 55 ± 5 % (ASTM D 1475-03)
Rubber Content	: 20%
Tensile strength	: 0.51 N / mm ² ASTM D 412-98)
Tear Resistance KN/m	: 28 ± 5
Tensile Set recovery	: 95 %
Elongation at break	: More than 400 % (ASTM D 412-98)
Water vapor Transmission	: 0.46 g / h – m ² (ASTM E 96-95)
Flammability & Toxicity	: 0.95 ± 0.1

Chemical Resistance to occasional spillage

10 % Salt (Sodium chloride)	: 3.0 % weight change
5 % Alkali (Caustic Soda)	: 2.0 % weight change
5 % Acid (Sulphuric)	: 3.0 % weight change

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CLEANING

Tools : Clean all the tools immediately with water

Hands : Use a hand cleaner or water followed by soap.

PACKING

ElastoSeal 800 is available in 5 gallon pails and 40 gallon drums.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

Refer to Material Safety Data Sheet for further information.

Whilst the information and / or specification given are to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and any labour involved are beyond our control.

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