

ELASTOIZOL OPTIM

Torch-applied, SBS Modified Bituminous Cap Sheet



Introduction

ELASTOIZOL OPTIM EMP 4.5 is bitumen-polymer SBS-modified torch-applied roofing and waterproofing material.

Product description

This material is intended for professional use in roof covering of buildings, structures of any types, as well as for waterproofing of building foundations, bridges, tunnels.

Elastoizol Optim is a polyester reinforced torch-on underlay, saturated and coated with high-quality SBS-modified bitumen. The membrane is protected with thermofusible film on its lower side and fine-grained sand on the upper side, making it suitable for both torch-on application and bonding in hot or cold adhesives. Elastoizol Optim is an environmentally friendly material with excellent performance and characteristics which can be applied to a wide range of substrates and has a long warranty time service of 15 years.

Product features

Characteristics	Elastoizol OPTIM EMP 4.5
Composition	SBS Bitumen
Surface Upper	Fine-grained sand
Surface Lower	Thermofusible film
Carrier	Polyester
Length	8m
Width	1m
Mass/Weight	4.5kg
Roll weight	36kg
Flexibility at low temperature	-5°C
Flow resistance at elevated temperature	+85°C

Application

Elastoizol Optim must be installed in accordance with the British Standards (codes BS6229 "Flat Roofs with Continuous Coating. Practical Guide" and BS8217 "Concrete Reinforced Roof Membranes. Regulations") and instructions of CJSC Diversified Industrial Company KRZ.

Elastoizol membrane is applied by the torch-on application using a standard roofer's torch. The membranes should be heated carefully ensuring the heat dispersion film on the under surface is fully removed as works proceed and ensuring a continuous 4/6mm bead of bitumen is extruded from all side and head laps.

Side laps must follow manufactured mineral free selvage end and side laps. The cap sheet should be offset to the underlay to avoid side build up, end laps should also be offset. In areas of risk to flame a gas torch must not be used. All applications of roofing membrane should be laid in accordance to code of practice.

Quality Assurance

ELASTOIZOL products are manufactured following ISO 9001:2015 Quality Management System.

Storage

Rolls should be stored in a dry, enclosed area in a vertical position and kept of at least 1m from heating devices and direct sunlight. Double stock is not permitted.