izofalt yalıtım

BİTÜMSER E EC 3000

E-CATALOG

IT IS A WATERPROOFING MEMBRANE MADE OF APP POLYMER MODIFIED BITUMEN WITH A GLASS FIBER CARRIER



DESCRIPTION FOR IT

BİTÜMSER E EC 3000 is a waterproofing membrane made from bitumen with a glass fiber carrier and APP (atactic polypropylene) additive, with PE film coating on both the top and bottom surfaces. It has a superior plastomeric structure and is applied using a blowtorch.

AREAS OF USE

It is applied to provide water and moisture insulation in terrace roofs, sloping concrete roofs, and foundation retaining walls of buildings. It is also used in the insulation of pressurized and non-pressurized groundwater or surface water, and in waterproofing wet areas such as bathrooms, kitchens, and balconies before coatings. Designed for temperate climates, it is applied as a base and middle layer in waterproofing.

ADVANTAGES

Superior performance in moderately cold and hot climates.

SURFACE PREPARATION

The surface to be coated must be clean and dry, free from oil, dirt, rust, silicone, and dust. The surface must be free of sharp protrusions and loose aggregates and primed with izofalt membrane primer.

APPLICATION METHOD

On the condition of the horizontal surface to be coated, apply from the lowest to the highest elevation, and on vertical surfaces from top to bottom, using a blowtorch flame for heating. The short side joint should be 15 cm, and the long side joint should be 10 cm for every 1 meter. A stagger of 50 cm on the short side and 5 meters on the long side should be applied between layers.

STORAGE SHELF LIFE

Must be transported and stored in an upright position. Necessary precautions should be taken to prevent membrane rolls from tipping over during transport. Our product should be stored in covered warehouses with flat floors. Care should be taken to prevent the rolls from receiving hard impacts during loading, unloading or transport. It should be stored in its original packaging, in a dry environment, away from direct sunlight, at temperatures between +5°C and +25°C.

TOOLS USED

Blowtorch, trowel, mechanical wheel, spatula, gloves.

STANDARDS

TS EN - 13969

TECHNICAL SPECIFICATIONS

FEATURES	UNIT	STANDARD	BİTÜMSER E EC 3000
CARRIER	gr		Glass Fiber 50
LOWER/UPPER COATING		TS EN - 13707	Pe film/Pe film
THICKNESS	mm	TS EN - 1849-1	NPD
WEIGHT	kg/m	TS EN - 1849-1	2,4-2,6
WATER IMPERMEABILITY		TS EN - 1928	Compatible
HEAT RESISTANCE	°C	TS EN - 1110	min.120
COLD FLEXIBILITY	°C	TS EN - 1109	-10
TENSILE STRENGTH (LENGTH)	N/5cm	TS EN - 12311-1	300
TENSILE STRENGTH (WIDTH)	N/5cm	TS EN - 12311-1	200
ELONGATION AT BREAK (LENGTH)	%	TS EN - 12311-1	2
ELONGATION AT BREAK (WIDTH)	%	TS EN - 12311-1	2
ROLL SIZE	m	TS EN - 1848-1	1X10