İZOMEM GARDEN EP 4000 E-CATALOG

IT IS A WATERPROOFING MEMBRANE MADE FROM SBS POLYMER MODIFIED BITUMEN WITH A POLYESTER FELT CARRIER



DESCRIPTION FOR IT

İzomem GARDEN EP 4000 is produced from bitumen with a polyester felt carrier and SBS (styrene-butadiene-styrene) additive, with PE upper and lower surfaces.

AREAS OF USE

It is applied to provide water and moisture insulation in underground parking lots and green roof terraces, terrace roofs of buildings, sloping concrete roofs, and foundation retaining walls. It is also used in the insulation of pressurized and nonpressurized groundwater or surface water, and in waterproofing wet areas such as bathrooms, kitchens, and balconies before coatings. Designed for cold 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

Depending on the horizontal surface, the application is done from the lowest to the highest elevation, and on vertical surfaces from top to bottom, by heating with a blowtorch flame. 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

The membrane rolls must be transported and stored in an upright position. Necessary precautions must be taken to prevent the rolls from tipping over during transport. Our product should be stored in covered warehouses with level 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 - 13707 / TS EN - 13969

TECHNICAL SPECIFICATIONS

FEATURES	UNIT	STANDARD	İZOMEM GARDEN EP 4000
CARRIER	gr		Polyester Felt 140
LOWER/UPPER COATING		TS EN - 13707	PE FİLM/PE FİLM
THICKNESS	mm	TS EN - 1849-1	4 mm ±%0,2
WEIGHT	kg/m	TS EN - 1849-1	4,6-4,8
WATER IMPERMEABILITY		TS EN - 1928	Compatible
HEAT RESISTANCE	°C	TS EN - 1110	min.100
COLD FLEXIBILITY	°C	TS EN - 1109	-20
TENSILE STRENGTH (LENGTH)	N/5cm	TS EN - 12311-1	800
TENSILE STRENGTH (WIDTH	N/5cm	TS EN - 12311-1	600
ELONGATION AT BREAK (LENGTH)	%	TS EN - 12311-1	35
ELONGATION AT BREAK (WIDTH)	%	TS EN - 12311-1	35
ROLL SIZE	m	TS EN - 1848-1	1X10