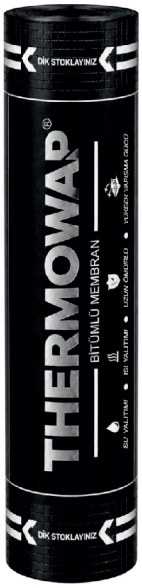
THERMOWAP UV DESENLİ PAR AL 4500 E-CATALOG

IT IS A WATERPROOFING MEMBRANE MADE OF APP POLYMER MODIFIED BITUMEN WITH A POLYESTER FELT CARRIER



DESCRIPTION FOR IT

Thermowap UV Desenli PAR AL 4500 : is a water and heat insulation membrane made from bitumen with a polyester felt carrier and APP (atactic polypropylene) additive. It features a PE film underlay, an aluminum mineral coating on the top surface, and a patterned design. It boasts a superior plastomeric structure and is applied using a blowtorch.
BASE COLOR = Aluminum. PATTERN COLOR = Black – Blue. PATTERNS: Clover – Honeycomp – Alaturka – Bodrum.

AREAS OF USE

It is applied to flat or sloping concrete roofs of buildings to provide water and moisture insulation.
In the production of gazebos, garden sheds, verandas, prefabricated structures, and container homes, it provides both water and heat insulation and creates a visually appealing colored coating on wooden, fiber cement board, and metal surfaces for roof and side wall coverings. Designed for temperate climates, it is applied as a final layer for 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, the application is done from the lowest to the highest elevation, and on vertical surfaces, horizontally from bottom to top, 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	UV Desenli PAR AL 4500
CARRIER	gr		Polyester Felt 180
LOWER/UPPER COATING		TS EN 13707	Pe film/Mineral
THICKNESS	mm	TS EN 1849-1	4,5 mm ±%0,2
WEIGHT	kg/m	TS EN 1849-1	5,2 – 5,4
WATER IMPERMEABILITY		TS EN 1928	Compatible
HEAT RESISTANCE	°C	TS EN 1110	120
COLD FLEXIBILITY	°C	TS EN 1109	-10
TENSILE STRENGTH (LENGTH)	N/5 cm	TS EN 12311-1	1000
TENSILE STRENGTH (WIDTH)	N/5 cm	TS EN 12311-1	800
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