PROFALT D 3500 E-CATALOG

POLYESTER FELT CARRIER, SBS POLYMER MODIFIED BITUMEN BASED, NEW GENERATION WATERPROOFING MEMBRANE



DESCRIPTION FOR IT

Profalt D 3500 is a new generation foundation waterproofing membrane produced from SBS (styrene-butadiene-styrene) modified bitumen with a polyester felt carrier. It has a PE film on the lower surface and a silica mineral coating on the upper surface. It has a superior elastomeric structure and is applied with a torch. It provides excellent adhesion to the concrete surface by reacting through hydration heat and mechanical action.

AREAS OF USE

Foundation walls and full envelope waterproofing. Locations with high foundation depth. Single-side walls. Areas with high water pressure.

ADVANTAGES

Applied as a single layer in vertical wall waterproofing. Due to its full adhesion to the concrete surface, it prevents horizontal and vertical water movement. Thanks to the high-strength reinforced polyester felt, it is resistant to hydrostatic pressure, punctures, and tears.

SURFACE PREPARATION

In accordance with standards, the surface of the wall concrete to be poured with sufficient strength and thickness must be troweled. The surface must be free of sharp projections and loose aggregates. The surface to be applied must be clean and dry, free of oil, silicone, and dust, and must be primed with İzofalt membrane primer.

APPLICATION METHOD

After the foundation wall concrete of the structure, cast with sufficient thickness and strength according to standards, has completed curing, the PE film-coated surface of Profalt D 3500 and the overlaps must be bonded by heating with a torch. Short side overlap: 15 cm - Long side overlap: 10 cm

STORAGE AND SHELF LIFE

Must be transported and stored in an upright position. Necessary precautions must be taken during transportation to prevent the membrane rolls from tipping over. Our product must be stocked in covered warehouses with a flat floor. Care must be taken during loading, unloading, or transportation to prevent the rolls from receiving hard impacts. It must be stored in its original packaging, in a dry environment, without exposure to direct sunlight, between +5°C and +25°C.

TOOLS USED

Torch, trowel, mechanical roller, spatula, gloves.

STANDARD

TS EN - 13969

TECHNICAL SPECIFICATIONS

FEATURES	UNIT	STANDART	PROFALT D 3500
CARRIER	gr		Polyester felt 250
LOWER/UPPER COATING		TS EN - 13707	Pe film / Mineral
THICKNESS	mm	TS EN - 1849-1	3,5 mm ±%0,2
WEIGHT	kg/m	TS EN - 1849-1	34,2
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	800
ELONGATION AT BREAK (LENGTH)	%	TS EN - 12311-1	40
ELONGATION AT BREAK (WIDTH)	%	TS EN - 12311-1	40
ROLL SIZE	m	TS EN - 1848-1	1X10