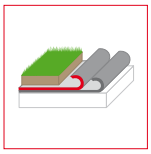
PRIMA PLAST PV GARDEN

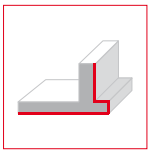
APP MODIFIED BITUMEN ROOFING AND WATERPROOFING TORCH-ON MEMBRANE FOR GREEN ROOF CONSTRUCTION

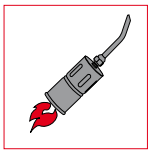
APP-modified bitumen membrane PRIMA PLAST PV GARDEN is designed for waterproofing of green roofs, foundations and underground engineering structures. A special chemical additive, as a part of the polymer-bitumen binder, prevents roots penetration and ensures reliable waterproofing, but at the same time does not have a negative effect on plants or environment.

PRIMA PLAST PV GARDEN can be used both for construction of green roofs and for foundation waterproofing with additional protection from roots of plants located nearby.

The green roof reduces energy costs, increases real estate value and service life of the roof, serves as a sound insulation layer. It also creates aesthetically attractive landscape and recreational space, increases biodiversity in urban areas, regulates the temperature and humidity in the building and the environment, purifies the air and the rainwater. Construction of green roofs may be supported by the government via grants or reduced taxes.







PROPERTIES	TEST METHOD	PRIMA PLAST PV GARDEN 4 mm	PRIMA PLAST PV GARDEN 4.5 kg Mineral
Thickness, mm	EN 1849-1	4.0±0.10	3.7±0.20
Mass per unit area, kg/m²	EN 1849-1	5.0±0.25	4.5±0.20
Length x width, m	EN 1848-1	10 x 1	
Softening point, °C	ASTM D36	≥145	
Flexibility at low temperature, °C	EN 1109-1	≤0	
Flow resistance at elevated temperature, °C	EN 1110	≥130	
Elongation L / T, %	ASTM D5147	30±15 / 30±15	
Tensile strength L / T, N/50 mm	ASTM D5147	600±150 / 400±150	
Tear resistance L / T, N	ASTM D4073	300±100 / 300±100	
Reinforcement type	-	polyester	
Protective covering type on the top	-	polymer film or sand	coarse-grained slate
Protective covering type on the bottom	-	polymer film	