

ARMATEC waterproofing membrane Technical Data Sheet

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- **ARMATEC & mineral ARMATEC** are prefabricated modified polymer-bitumen membranes whose compound is composed of distilled bitumen and plastomers (APP), reinforced with a composite polyester fabric with longitudinal reinforcing threads. The modified compound offers good ageing properties, cold flexibility (-10°C), durability and elasticity.
- **ARMATEC (P)** is available with sand or TNT (polypropylene mat) finish on the upper face to prevent the roll from sticking to itself and benefits the unrolling of the product during installation.
- **Mineral ARMATEC (PA)** are supplied with mineral slate chips which are available in natural or colored version. This mineral finish acts as a weathering surface and enhances the aesthetics after application. A 10 cm side selvedge and a 15 cm end lap selvedge is provided to allow easy alignment of the membrane during application.
- The lower face of both **ARMATEC & mineral ARMATEC** is backed by a special polyethylene burn-off film which melts during torching and prevents the roll from sticking to itself. The correct application temperature is visible from the embossed surface of the membrane which is below the burn off film, when the correct temperature is reached, this embossment melts also helping vapor diffusion and avoiding blistering.
- **ARMATEC (P) & mineral ARMATEC (PA)**, due to the polyester reinforcement doubled with glass fibre reinforcing threads, offers a better dimensional stability, a good static and dynamic puncture resistance, tensile strength, both longitudinal and transversal, and ultimate elongation.

Technical properties	M.U.	ARMATEC	Tolerances
		P, PA	
Reinforcement		Polyester	
Roll length (EN 1848-1)	m	10	$\pm 0,2 \%$
Roll width (EN 1848 -1)	m	1	$\pm 1 \%$
Nominal weight (EN 1849 - 1)	kg/m ²	3 / 3,5 / 4 / 4,5 / 5 / 5,5	$\pm 7 \%$
Cold flexibility (EN 1109)	$^{\circ}\text{C}$	-10	min
Tensile strength (EN 12311-1)			
-longitudinal	N / 5 cm	500	$\pm 20 \%$
-transversal		350	
Ultimate elongation (EN 12311-1)			
-longitudinal	%	30	$\pm 20 \%$
-transversal		35	
Dimensional stability (EN 1107 -1)	%	0,2	max
Flow resistance (EN 1110)	$^{\circ}\text{C}$	130	min
Shear resistance of joint (EN 12317-1)	N / 5 cm	500 / 500	min
Resistance to static loading (EN 12730)	kg	15	min
Watertightness (EN 1928)	Kpa	60	min
Reaction to fire (EN 13501-1)	class	F	