

SHINGLE ROLLS ART**- 10 °C**

SHINGLE ROLL ART is an elastoplastomeric compound (APP) with high performance stabilized spunbond polyester and mineral granules on top. The bottom surface and the selvedge have a special selfadhesive bituminous compound covered with siliconized release film, to be installed without use of gas flame.

DESCRIPTION

The product is fast applied by pressure directly onto the underlayer and on the self-adhesive selvedge of the adjoining roll, after releasing the protective siliconized film. End lap joints can be fully welded using a hot air gun, melting the compound of both the lower(mineral) and upper sheet and pressing it directly onto the mineral surface of the lower sheet.

RECOMMENDATION

It is recommended to always use mechanical fasteners along the side laps of mineral sheets. The number of fasteners depends upon roof pitch, general wind conditions and the roof areas where membranes are installed. On perimeter walls and vertical surfaces, nailing every 15-20 cm is recommended. Place nails 5cm from edge.

SHINGLE ROLL ART is the perfect roofing material, allowing you to fulfill all of your architectural ideas and fantasies and to create a unique image for your home.

Whether you have a cottage, a vacation home or a summer cottage, you will be able to choose from a variety of colors and patterns that will individualize your home and provide harmony with the surrounding landscape.

The waterproofing of the **SHINGLE ROLLS ART** is guaranteed for 10 years.

TECHNONICOL ITALIA srl reserves the right to modify the technical data in this specification sheet which is based on current production without prior warning.

All indications in this specification sheet are based upon our experience and current working practices.

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SHINGLE ROLLS ART

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Characteristics	Norms	U.M.	Test results	Tolerance
			SCUDOART PLUS MINERAL	
Norms	/	/	EN 13707	/
Compound upper side	/	/	BPP - Plastomeric bitumen	/
Compound bottom side and selvedge			BPE - Elastomeric bitumen Self-Adhesive	
Carrier type	/	/	Polyester stabilized	/
Upper surfacing	/	/	Coloured design + siliconized selvedge	/
Lower surfacing	/	/	Removable siliconized film	/
Type of application	/	/	SF-Top layer	/
Method of application	/	/	Self adhesive	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	≥ (10 -1%)	/
Width	EN 1848-1	m	≥ (1 -1%)	/
Straightness	EN 1848-1	-	Pass	/
Mass per unit area	EN 1849-1	kg/m ²	4,5	± 10 %
Watertightness (metodo B)	EN 1928	60 kPa	Pass	/
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS F	/
Tensile properties				
-maximum longitudinal tensile strength	EN 12311-1	N/50 mm	750	- 20%
-maximum transversal tensile strength		N/50 mm	550	- 20%
- longitudinal elongation		%	40	- 15 pp
- transversal elongation		%	40	- 15 pp
Resistance to impact	EN 12691	mm	1250	/
Resistance to static loading	EN 12730	kg	15	/
Resistance to tearing (nail shank)	EN 12310-1	N	160	- 30 %
- longitudinal			180	- 30 %
- transversal				
Dimensional stability	EN 1107-1	%	≤ 0,3	/
Flexibility at low temperature	EN 1109	°C	- 10	/
Flow resistance at elevated temperature	EN 1110	°C	≥ 120 (only plastomeric bitumen)	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	-	110	- 10 °C
Adhesion of granules	EN 12039	Loss %	< 30	/
Water vapour transmission properties	EN 1931	-	μ = 20.000	/

REV 01/19