

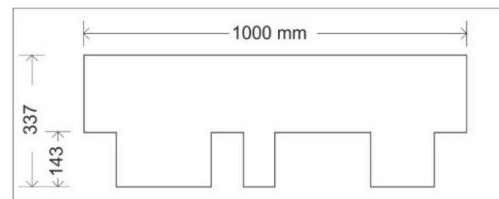
Description:

Single-layer flexible bituminous shingle, with glassfiber carrier reinforced by a glass scrim and protected by colored ceramiccoated basalt.



Application:

Application on pitched roof, with a slope between 5° and 85°. Installation temperature above +5°C. Always check adhesion of the tabs or of the shingle at the end of the installation.



TECHNICAL DATA SHEET:

GENERAL INFORMATION:

Characteristics	Norm	UoM	Value	Tolerance
Bitumen Type / Compound Type			Oxidized Bitumen	
Length	EN 544	mm	1000	±3
Width	EN 544	mm	337	±3
Exposed Area	-	mm	143	-
Adhesion System			Self-Adhesive Lower Surface	

PHYSICAL-CHEMICAL PROPERTIES

Weight (Finished Product)	-	kg/m ²	9.0	±10%
Bitumen per Single Layer	EN 544	g/m ²	>1300	-
Tensile Strength (Width / Height)	EN 12311-1	N/5cm	1000 / 1000	-
Resistance to Tearing (Nail Shank Method)	EN 12310-1	N	140	-
Water Absorption	EN 544	%	<1	-
Resistance to UV Radiation	EN 1297	Visual	Pass	-
Resistance to Blistering	EN 544	Visual	Pass	-
Flow Resistance. at 90°C	EN 1110	mm	<1	-
Granules Adhesion	EN 12039	-g	0.5	-
Resistance to Fixing - Fastener Pull-Through Resistance (Single / Double Layer, at 25°C)	ASTM D-3462	lbf	35 / 70	-
Wind Resistance (Fan-Induced Method)	ASTM D3161	-	Class F - 110mph	-
Maximum Wind Resistance (Fan-Induced Method)	ASTM D3161	mph	> 160	-
Impact Resistance	UL 2218-2020	-	Class 4	-

FIRE BEHAVIOR

External Fire Resistance	EN 13501-5 / EN 1187		Broof (t1)	
Reaction to Fire	EN 13501-1 / prEN ISO 11925-2		E	

PACKAGING

Type			Polyethylene Film	
Shingles per Bundle			24	
m ² /Bundle			3.45	
m ² /Pallet			179.40	

Pallet Weight (Standard Packaging)		Kg	1460 - 1780
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Available Colors:



512 - Tiziano Red



522 - Arabica



554 - Granite

Safety:

The material is free of asbestos, tar compounds and other dangerous substances.

Storage:

Store pallets in close warehouses, away from heat sources and direct sunlight. Store in the original packaging. Do not stack pallets.

Other information:

The characteristics expressed refer to standard production. Tegola Canadese reserves the right to update the technical data sheets without notice. Further information on installation available at www.tegola.in.