

GLASS FIBRE MESH

SSA-1363-145

TECHNICAL DATA SHEET
S83 / 29JUN2023

INTRODUCTION		Product is made of glass fibre yarns for reinforcement of cement-based renderings (ETICS and internal wall reinforcement). Polymer based finish provides product with high alkali resistance and excellent weavelock properties.				
PHYSICAL PROPERTIES		Characteristic	Unit	Value	Test method	
		Weave	Leno			
		Mesh opening (warp x weft direction)	mm	$(4.3 \times 3.6) \pm 0.5$	Cl. 2.2.4 of EAD 040016-01-0404	
		Average mesh size (warp x weft direction)	mm	$(5.7 \times 4.0) \pm 0.5$	Cl. 2.2.4 of EAD 040016-01-0404	
		Mass per unit area	g/m ²	150 ($\pm 5\%$)	Cl. 2.2.8 of EAD 040016-01-0404	
		Thread count	Warp	$(24 \times 2) \pm (1 \times 2)$	EN 1049-2	
			Weft	18 \pm 1		
		Tensile strength in as-delivered state	Warp	≥ 40 (≥ 2000)	Cl. 2.2.7 of EAD 040016-01-0404	
			Weft	≥ 38 (≥ 1900)		
		Tensile strength after alkalis conditioning	$\geq 50\%$ of the strength in the as-delivered state ≥ 20 N/mm		Cl. 2.2.7 of EAD 040016-01-0404	
		Ash content	%	83 \pm 3	Cl. 2.2.2 of EAD 040016-01-0404	
		Heat combustion	MJ/kg	≤ 7.3	ISO 1716	
DIMENSIONS AND PACKAGING		Width	cm	100 (+ 1%/- 0 %) 110 (+ 1%/- 0 %)	Cl. 2.2.5 of EAD 040016-01-0404	
		Roll length	m	50*		
		Packing	Mesh wound on the core with inside diameter 45 or 50 mm. Each roll wrapped in plastic foil and put in the carton vertically (33 or 35 rolls per carton). Cartons are fastened on the wooden pallets.			
		Transporting and storage	Covered means of transport. Clean and dry storage (-10 to +50 °C). Do not store in direct sunlight.			

*Other lengths and widths are available upon customer's request.