

alvatex P145

HIGH-TECH FIBERGLASS MESH

Description

Fiberglass meshes are used in the composition of facade thermos systems (ETICS), based on expanded polystyrene, being applied in the mass of adhesive mortar, over polystyrene boards. However, the products can be applied on any type of thermal insulation boards. Also, fiberglass meshes are used, as stiffening products, for the reinforcement of any interior and exterior plasters, preventing their cracking. With certificate of conformity in accordance with EAD 040016-00-0404

Construction

Direction:	WARP	WEFT
Type of Material:	E-glass	E-glass
Average mesh Size:	4mm	5mm
Average mesh opening	3,8mm	4mm
Type of Bond:	LENO	

Mass per unit area

Loom state fabric weight:	Nominal	109g/m ²	Min	103g/m ²	Max	114g/m ²
Finished Product:	Nominal	145g/m ²	Min	138g/m ²	Max	153g/m ³
Thickness of sized fabric:	0.50 mm (± 5%)					

Coating

Coating Type:	alkali resistant polymer coating
Color:	natural white
Stiffness:	medium

Mechanical Characteristics

Direction:	WARP	WEFT
Tensile Strength:	[N/5cm] > 2000	[N/5cm] > 1950
Elongation:	≤3,5%	≤3,5%
Tensile Strength after ageing:	> 50% of the initial value and in any case greater than 20 N/mm	
Elongation:	≤2,2%	≤2,2%

Available Options

Color pick	orange/blue/red/grey
Logo print	yes
Roll width	10cm/100cm
Rioll length	10m/350m

Certification

No. of the ETA will be ETA	ETA 22/0500, date of issue 4.8.2022
No. of the certificate	1020-CPR-060054550, 4.8.2022