

Data sheet

Glass fiber mesh 03-55; 03-55/110

Product description

Fibreglass mesh fabric for facade insulation;

Application

Reinforcing mesh for External Thermal Insulation Composite System

Technical properties

Area mass (impregnated)	140 g/m ² ± 5 %	
Ash content	(84 ± 4) %	
Organic content	(16 ± 4) %	
Tensile strength	In state of delivery:	After aging (ETAG004):
Warp direction	≥ 35 N/mm	≥ 50% und ≥ 20 N/mm
Weft direction	≥ 35 N/mm	≥ 50% und ≥ 20 N/mm
Elongation at break	In state of delivery:	After aging (ETAG004):
Warp direction	≤ 5,0 %	≤ 3,5 %
Weft direction	≤ 5,0 %	≤ 3,5 %
Heat of combustion	5,53 MJ/kg (≤ 1,4 MJ/m ²)	

Dimensions

Mesh opening	
Warp direction	(5,0 ± 0,5) mm
Weft direction	(3,5 ± 0,5) mm
Average Meshsize	
Warp direction	(6,0 ± 0,5) mm
Weft direction	(4,0 ± 0,5) mm
Mesh width	1.000 mm ± 1 % / 1.100 mm ± 1 %
Mesh thickness	(0,5 ± 0,2) mm
Weaving accuracy	pass