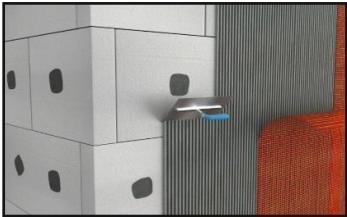


TECHNICAL DATA SHEET

FIBERGLASS MESH D-160

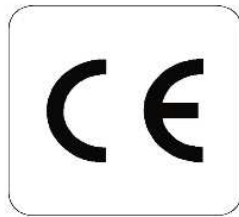
- DESCRIPTION:** FIBERGLASS MESH D-160 (160gr) is a fiberglass mesh (White) EN 13496:2013 Alkali resistant / slip proof / tear proof. Fast to install, ready to use and easy to cut with scissors or razor knife can be used widely in building internal and external wall.
- FIELD OF USE:** The product FIBERGLASS MESH D-160 is a plasticized and alkali-resistant glass fiber mesh .it is used in facade thermal insulation systems for reinforcement of basic and renovating plasters, and leveling and waterproofing materials. It is usually sufficient to have single reinforcement, to take on higher temperature and other loads, and for durable impact resistance, double reinforcement is recommended.
- TYPE OF INSTALLATION:** Fiberglass Mesh D-160 can be installed with reinforcing mortar should which should be spread evenly over the surface of the boards with a tooth trowel with teeth the size 10-12mm . in the case of mineral wool boards prior to distribution priming must e used with mortar. In the prepared layer immediately spread fiberglass mesh should not be visible and completely embedded in the mortar. Then embed by using a metal trowel and make it smooth. Properly applied mesh should not be visible and completely embedded in the mortar. It is important to keep the mesh overlaps on next applied belts to about 10 cm. bets of mesh can not coincide with the joints between the panels. In case of corner holes in the walls (edge .windows) it is recommended to embed diagonally additional parts of mesh with dimensions of about 15 x 25 cm. the mesh belts are laid in such a way that they are switched by a length and width of at least 100mm. when mounting on vertical surface, the grid is always descended from the top of the surface to the ground (see the sketch aside)
- 
- STORING:** Store the net in dry and enclosed spaces protected from direct sunlight. Durability in storage in original sealed and undamaged packaging: Unlimited Packing: Roll of 1m x 50m = 50 m² - 35 pieces= 1,750 m²/ pallet.
- QUALITY:** The product FIBERGLASS MESH D-160 is in accordance with EN 1849-1:2010 and 13496:2013 Achievement of the declared or prescribed quality level is guaranteed in DEKOLL for a number of years with implementation of quality control ISO9001:2015 ISO 14001:2015 ISO 45001:2018 , which includes daily quality check with European standards in the field of environmental protection and ensuring safety and health at work.

TECHNICAL DATA SHEET

FIBERGLASS MESH D-160

DATA SHEET	UNIT	VALUE
Length (Roll):	m	50
Width (Roll):	m	1 (+- 1%)
Thickness:	mm	Min.0.45
Square dimensions:	mm	5*4
Mass per unit area:	g/m ²	160
Tensile Strength at normal conditions(cross):	N/50mm	1850
Tensile Strength at normal conditions (Longitudinal):	N/50mm	2635
Elongation at break at normal conditions (cross):	%	2.5
Elongation at break at normal conditions (Longitudinal):	%	2.4
Tensile Strength at aggressive (alkaline) conditions medium (cross):	N/50mm	830
Tensile Strength at aggressive (alkaline) conditions minimal (Longitudinal):	N/50mm	730
Elongation at break at aggressive (alkaline) conditions (cross):	%	6.25
Elongation at break at aggressive (alkaline) conditions (Longitudinal):	%	3.10
Ratio between the tensile strength and elongation at break at normal conditions:	kN/mm	Not > 1
Ratio between the tensile strength and elongation at break at aggressive(alkaline) conditions:	kN/mm	Not > 1
Ash content:	%	83.61 / 16.39

FIBERGLASS MESH D-160



A-200114

“Dekoll shpk”
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EN 13496:2003
EN 1849-1:2010
EN 13496 :2013
ETAG-004 (EOTA):2011