

TENAX ARMAFLEX

Bi-oriented Net

TENAX ARMAFLEX extruded polypropylene net with quadrangular mesh, for reinforcement and cracking-prevention of any plaster of medium and high thickness. It is submitted to a stretching process under controlled temperature both lengthwise and transversally which grants best tensile strength and flexibility. Resistant to chemical agents in all cement mixtures and in aggressive chemical environments (sea-areas, industrial areas, ...).

Applications:

Plaster reinforcement (even made of lime) from 1 up to 2 – 3 cm thickness - medium granulometry.

PHYSICAL CHARACTERISTICS	TEST METHOD	UNIT	ARMAFLEX	NOTES
POLYMER			POLYPROPYLENE	-
MESH SHAPE			QUADRANGULAR	-
COLOUR			WHITE	-
PACKAGING			ROLLS IN PE FILM AND WRAPPED IN CARTON BOXES	-

DIMENSIONAL CHARACTERISTICS	TEST METHOD	UNIT	ARMAFLEX	NOTES
MD PITCH		mm	13.0	-
TD PITCH		mm	16.5	-
2 kPa THICKNESS		mm	1.0	-
UNIT WEIGHT		g/m ²	100.0	-
ROLL WIDTH		m	1.0	-
ROLL LENGTH		m	50.0	-
COVERED AREA		m ²	50.0	-
ROLL DIAMETER		m	0.20	-
ROLL GROSS WEIGHT		Kg	5.2	-
CARTON BOX VOLUME		m ³	0.18	-
ROLLS PER CARTON BOX		N°	4	-
CORE INNER DIAMETER		mm	50	-

TECHNICAL CHARACTERISTICS	TEST METHOD	UNIT	ARMAFLEX	NOTES
TENSILE STRENGTH MD	ISO 10319	kN/m	4.5	a
YELD POINT ELONGATION MD	ISO 10319	%	15.0	a
TENSILE STRENGTH TD	ISO 10319	kN/m	6.0	a
YELD POINT ELONGATION TD	ISO 10319	%	15.0	a

NOTES:

- a) MD: lengthwise to the roll
TD: transversally to the roll





Just Indicating

TENAX SpA Quality System has been assessed and registered in agreement with ISO:9001:2008 by SGS Italy and SGS UK.



SGS ITALY Certificate n° IT93/0008a
SGS U.K. Certificate n° IT93/2568.01



The TENAX Laboratory has been created in 1980 and has been continuously improved with the purpose of assuring unequalled technical development of the products and accurate Quality Control.

The TENAX Laboratory can perform mechanical, hydraulic and durability tests, according to the most important international standards like ISO, CEN, ASTM, DIN, BSI, UNI.



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