

MECHANICAL PROPERTIES OF THE MESH (ASTM A975)

Nominal mesh opening	50×50 mm
Inscribed circle diameter (Di)	50 mm
Meshes per meter (longitudinal)	14,2
Meshes per meter (transversal)	14,2

CORROSION PROTECTION (ASTM A856 / ASTM A641)

Protection type	ZINALPRO
Composition	90% Zn / 10% Al
Minimum coating	150 g/m ²
Salt spray performance	5% dark brown rust after >2000 hours

WIRE MECHANICAL PROPERTIES (ASTM A817)

Wire diameter	3.35 ± 0.1 mm
Minimum tensile strength	1,770 N/mm ²
Material	high-tensile steel wire
Minimum breaking load	15.5 kN

ROLL INFORMATION

Roll width	2.5 m and 3.9 m
Roll length	25 m and 30 m
Total surface per roll	62.5 m ² and 117 m ²
Weight per m ²	3.00 kg/m ²
Weight per mesh roll	188 kg and 351 kg
Mesh edge	Spring knot

LOAD CAPACITY

Longitudinal tensile strength (ZK)	150 KN/m
Transversal tensile strength (ZR)	150 KN/m
Resistance of Puncture, unsupported	106 KN
Resistance of Puncture, supported	500 KN
Shear resistance	250 KN
Resistance of Puncture, ASTM	160 KN
Shear-puncture resistance	59 KN

*Other lengths and heights can be produced according to customer requirements.

Inchalam Slope Mesh MT15000H

