



AR 0 4,8xL

ROOFING SCREWS

PRODUCT CHARACTERISTICS

Self-tapping screws, made of hardened carbon steel, with hexagon head and with mounted steel washer with EPDM attached

HEXAGONAL HEAD SIZE	8 mm
MATERIAL OF SUPPORTING STRUCTURE	wood, steel
DRILLING CAPACITY (DC)	2 x 0,5 mm
EFFECTIVE ANCHORAGE DEPTH	min. 20 mm
POSSIBILITY OF PAINTING	YES
PAINT COATING THICKNESS	approx. 50 microns
RECOMMENDED SCREWDRIVER SPEED	1800 rev/min
RECOMMENDED TIGHTENING TORQUE	3 Nm

SCREW SIZE AND OTHER UTILITY DATA

AVAILABLE SIZES dxL [mm]	MTmax [mm]	MATERIAL	TYPE OF ANTICORROSION COATING	USED WASHERS
4,8x25	1	carbon steel	zinc (12,24µm)	14ZN, 14AL
4,8x28	2			

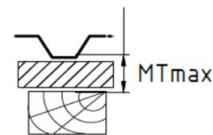
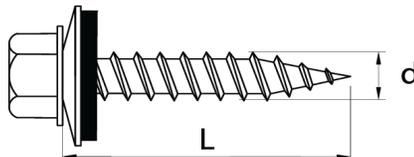
CS - carbon steel coated with zinc coating with a minimum thickness of 12 microns (optionally 24 microns)

CSG - carbon steel coated with zinc coating with additional Eco-GrePert ceramic coating (CORROSION RESISTANCE UP TO C4 CATEGORY)

CSE - carbon steel with EsC coating (CORROSION RESISTANCE UP TO C4 CATEGORY)

ZN - galvanized carbon steel, AL - aluminium, SS -stainless steel

MTmax- maximum thickness of the fixed elements



SELECTED CHARACTERISTIC RESISTANCES PER SHEAR *

a) with ≥14ZN washer

Characteristic resistance [kN]					
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]				Wood of the ≥C24 class
	0,50	0,55	0,63	0,75	
0,50	0,81	0,81	0,81	0,81	1,43
0,55	0,81	0,81	0,81	0,81	1,43
0,63	0,81	0,81	1,41	1,41	1,43
0,75	0,81	0,81	1,41	1,41	1,43

b) with ≥14AL washer

Characteristic resistance [kN]					
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]				Wood of the ≥C24 class
	0,50	0,55	0,63	0,75	
0,50	0,81	0,81	0,81	0,81	0,81
0,55	0,81	0,81	0,81	0,81	0,81
0,63	0,81	0,81	1,41	1,41	1,06
0,75	0,81	0,81	1,41	1,41	1,06

SELECTED CHARACTERISTIC RESISTANCES PER PULL-OUT *

a) with ≥14ZN washer

Characteristic resistance [kN]					
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]				Wood of the ≥C24 class
	0,50	0,55	0,63	0,75	
0,50	0,81	0,58	0,58	0,58	1,71
0,55	0,81	0,58	0,58	0,58	1,71
0,63	0,81	0,58	0,73	0,73	1,71
0,75	0,81	0,58	0,73	0,97	1,71

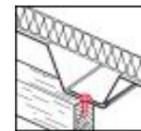
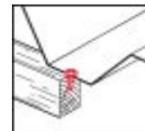
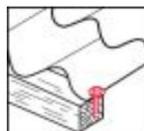
b) with ≥14AL washer

Characteristic resistance [kN]					
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]				Wood of the ≥C24 class
	0,50	0,55	0,63	0,75	
0,50	0,58	0,58	0,58	0,58	0,96
0,55	0,58	0,58	0,58	0,58	0,96
0,63	0,58	0,58	0,73	0,73	0,96
0,75	0,58	0,58	0,73	0,97	0,96

** This product data sheet shows only examples of fastenings resistances. Full information about resistances for introduced screws are described in the **ETA-18/0789** technical approval*

PURPOSE AND SCOPE OF USE

Screws for fixing flashings and profiled roofing sheets to wooden structures



This product data sheet is for information purposes only and does not constitute an offer within the meaning of Article 66 of the Civil Code par.1

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