



AR2 W 4,8xL

ROOFING SCREWS

PRODUCT CHARACTERISTICS

Self-tapping drilling screws, made of hardened carbon steel or stainless steel (bimetallic screws), with hexagon head and with mounted steel or aluminium washer with EPDM attached

HEXAGONAL HEAD SIZE	8 mm
MATERIAL OF SUPPORTING STRUCTURE	wood, steel
DRILLING CAPACITY (DC)	2,0 mm
EFFECTIVE ANCHORAGE DEPTH	min. 20 mm
POSSIBILITY OF PAINTING	YES
PAINT COATING THICKNESS	approx. 50 microns
RECOMMENDED SCREWDRIVER SPEED	1800 rev/min (1500 rev/min- SS screws)
RECOMMENDED TIGHTENING TORQUE	3 Nm

SCREW SIZE AND OTHER UTILITY DATA

AVAILABLE SIZES dxL [mm]	MTmax [mm]	MATERIAL	TYPE OF ANTICORROSION COATING	USED WASHERS
4,8x20	-	carbon steel	*CS *CSG *CSE	14ZN, 14AL
4,8x28	1			
4,8x35	7			
4,8x50	22			
4,8x60	32			
4,8x70	42			
4,8x80	52			
4,8x100	72			
4,8x20	-	stainless steel (SS) (bimetallic)	-	14AL, 14SS
4,8x35	7			
4,8x60	32			

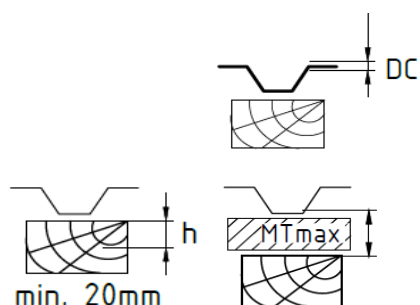
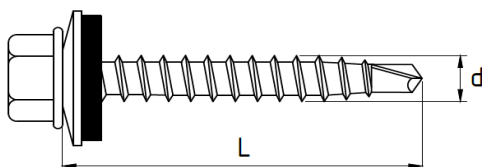
CS - carbon steel coated with zinc coating with a minimum thickness of 12 microns (optionally 24 microns)

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 $\geq 14ZN$ washer

Characteristic resistance [kN]						
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]					Wood of the $\geq C24$ class
	0,50	0,63	0,75	0,88	1,00	
0,50	1,12	1,12	1,12	1,12	1,12	1,43
0,63	1,12	1,47	1,47	1,47	1,47	1,43
0,75	1,12	1,47	1,72	1,72	1,72	1,43
0,88	1,12	1,47	1,72	1,72	1,72	1,43
1.00	1,12	1,47	1,72	1,72	1,72	1,43

b) SS screws with $\geq 14SS/AL$. washer

Characteristic resistance [kN]						
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]					Wood of the $\geq C24$ class
	0,50	0,63	0,75	0,88	1,00	
0,50	1,12	1,12	1,12	1,12	1,12	1,18
0,63	1,12	1,47	1,47	1,47	1,47	1,18
0,75	1,12	1,47	1,72	1,72	1,72	1,18
0,88	1,12	1,47	1,72	1,72	1,72	1,18
1.00	1,12	1,47	1,72	1,72	1,72	1.18

SELECTED CHARACTERISTIC RESISTANCES PER PULL-OUT *

a) with $\geq 14ZN$ washer

Characteristic resistance [kN]						
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]					Wood of the $\geq C24$ class
	0,50	0,63	0,75	0,88	1,00	
0,50	0,55	0,55	0,55	0,55	0,55	1,67
0,63	0,55	0,71	0,71	0,71	0,71	1,67
0,75	0,55	0,71	0,81	0,81	0,81	1,67
0,88	0,55	0,71	0,81	1,19	1,19	1,67
1.00	0,55	0,71	0,81	1,19	1,56	1,67

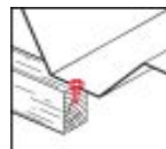
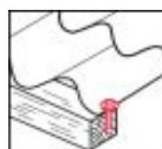
b) SS screws with $\geq 14SS/AL$. washer

Characteristic resistance [kN]						
Thickness of the fixed metal sheet [mm]	Thickness of supporting structure [mm]					Wood of the $\geq C24$ class
	0,50	0,63	0,75	0,88	1,00	
0,50	0,55	0,55	0,55	0,55	0,55	1,38
0,63	0,55	0,71	0,71	0,71	0,71	1,38
0,75	0,55	0,71	0,81	0,81	0,81	1,38
0,88	0,55	0,71	0,81	1,19	1,19	1,38
1,00	0,55	0,71	0,81	1,19	1,56	1,38

** 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

Info-GLOBAL Sp.j., 63-400 Ostrów Wielkopolski,
67 Długa Street T +48 62 7372760 - F + 48 62 7372761
biuro@info-global.pl – <http://www.info-global.pl>

ETA-18/0789



ITB-0569/Z

