

R-WX-PH2 Self-drilling screws for steel

Many years of experience in the manufacture of roof insulation fasteners guarantee of the highest quality.



Approvals and Reports

- ETA-09/0346



Product information

Features and benefits

- Hardened thread surface
- High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles.
- Shape and type of the thread specially design to allow connecting to metal sheets
- The drill point is designed to provide a fast and hassle-free installation. Sharp point of the drill prevents movement of the surface of the fixture.
- Reduced drilling point ensures optimal tightness and correct hole diameter in thin metal sheets.
- Pre-assembly with other components is possible before installation

Applications

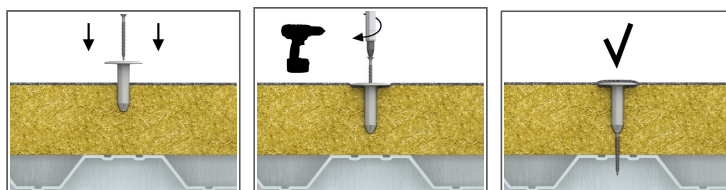
- Insulation layers on flat roofs together with a appropriate telescopic or steel washer

Base materials

Approved for use in:

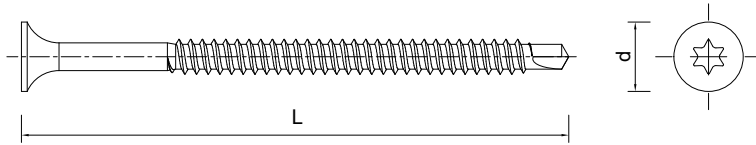
- Metal Sheet & Profiles

Installation guide



1. Lightly insert plastic sleeve into insulation material
2. Using drilling machine, drive the WX screw into substrate until fixing depth is reached

Product information



Product Code	Screw	
	Diameter	Length
	d	L
	[mm]	[mm]
R-WX-48T050	4.8	50

Product Code				Plastic sleeve			Fixture		Length	Bite type		
				Diameter	Length	Plate diameter	Min. thickness	Max. thickness			L	[]
				d	L	D	t _{fix}	t _{fix}				
				[mm]	[mm]	[mm]	[mm]	[mm]				
R-GOK-015		GOK-PLUS-015		15.5	15	50	30	280				
R-GOK-035		GOK-PLUS-035		15.5	35	50	50	300				
R-GOK-065		GOK-PLUS-065		15.5	65	50	80	330				
R-GOK-075		GOK-PLUS-075		15.5	75	50	90	340				
R-GOK-085		GOK-PLUS-085		15.5	85	50	100	350				
R-GOK-095		GOK-PLUS-095		15.5	95	50	110	360				
R-GOK-105		GOK-PLUS-105		15.5	105	50	120	370				
R-GOK-125		GOK-PLUS-125		15.5	125	50	140	390				
R-GOK-135		GOK-PLUS-135		15.5	135	50	150	400				
R-GOK-165		GOK-PLUS-165		15.5	165	50	180	430				
R-GOK-185		GOK-PLUS-185		15.5	185	50	200	450				
R-GOK-225		GOK-PLUS-225		15.5	225	50	240	490				
R-GOK-255		GOK-PLUS-255		15.5	255	50	270	520				
R-GOK-285		GOK-PLUS-285		15.5	285	50	300	550				
R-GOK-325		GOK-PLUS-325		15.5	325	50	340	590				
R-GOK-385		GOK-PLUS-385		15.5	385	50	400	650				
R-GOK-425		GOK-PLUS-425		15.5	425	50	440	690				
	R-GOK-525-N			15.5	525	50	540	790				
	R-GOK-625-N			15.5	625	50	640	890				
	R-GOK-725-N			15.5	725	50	740	990				
			PH2-100						10010010 01001001 00	PH2PH2P H2PH2P H2PH2		

Installation data

Substrate	Steel		
Hole diameter in substrate	d ₀	[mm]	-
Min. hole depth in substrate	h ₀	[mm]	-
Min. installation depth	h _{nom}	[mm]	-
Min. substrate thickness	h _{min}	[mm]	0.63
Min. spacing	s _{min}	[mm]	120
Min. edge distance	c _{min}	[mm]	30
Screw diameter	d	[mm]	4.8

Product commercial data

Size	Product Code	Screw	Plastic sleeve		Quantity [pcs]			Weight [kg]			Bar Codes
		Length [mm]	Diameter [mm]	Length [mm]	Box	Outer	Pallet	Box	Outer	Pallet	
Ø4.8	R-WX-48T050 ¹⁾	50			250	3000	72000	1.17	14.1	367.8	5906675104157
	R-GOK-015		15.5	15	1100	1100	61600	6.6	6.6	400.8	5906675101033
	R-GOK-035		15.5	35	600	600	33600	5.0	5.0	307.0	5906675101057
	R-GOK-065		15.5	65	400	400	22400	4.3	4.3	268.1	5906675101170
	R-GOK-075		15.5	75	300	300	16800	3.8	3.8	241.7	5906675106663
	R-GOK-085		15.5	85	300	300	16800	3.8	3.8	244.2	5906675106687
	R-GOK-095		15.5	95	250	250	14000	3.8	3.8	240.6	5906675106717
	R-GOK-105		15.5	105	250	250	14000	3.7	3.7	236.1	5906675106748
	R-GOK-125		15.5	125	200	200	11200	3.5	3.5	224.8	5906675106779
	R-GOK-135		15.5	135	200	200	11200	3.5	3.5	224.1	5906675106830
	R-GOK-165		15.5	165	150	150	8400	3.1	3.1	201.5	5906675106861
	R-GOK-185		15.5	185	100	100	5600	2.3	2.3	158.9	5906675106885
	R-GOK-225		15.5	225	100	100	5600	2.6	2.6	176.4	5906675107103
	R-GOK-255		15.5	255	75	75	4200	2.3	2.3	158.1	5906675112855
	R-GOK-285		15.5	285	75	75	4200	2.5	2.5	168.9	5906675107295
	R-GOK-325		15.5	325	50	50	2800	2.0	2.0	139.2	5906675108056
	R-GOK-385		15.5	385	50	50	2000	2.3	2.3	119.9	5906675108117
	R-GOK-425		15.5	425	50	50	1600	2.4	2.4	106.4	5906675108629
	R-GOK-525-N		15.5	525	50	50	600	4.2	4.2	80.0	5906675113883
	R-GOK-625-N		15.5	625	50	50	600	4.7	4.7	86.2	5906675113890
	R-GOK-725-N		15.5	725	50	50	600	5.2	5.2	92.4	5906675113906
	GOK-PLUS-015		15.5	15	1100	1100	61600	7.7	7.7	460.2	5906675006086
	GOK-PLUS-035		15.5	35	600	600	33600	5.1	5.1	313.7	5906675006093
	GOK-PLUS-065		15.5	65	400	400	22400	4.6	4.6	285.2	5906675006109
	GOK-PLUS-075		15.5	75	300	300	16800	3.6	3.6	231.6	5906675006116
	GOK-PLUS-085		15.5	85	300	300	16800	3.9	3.9	248.6	5906675006123
	GOK-PLUS-095		15.5	95	250	250	14000	3.7	3.7	235.5	5906675006130
	GOK-PLUS-105		15.5	105	250	250	14000	3.9	3.9	247.8	5906675006147
	GOK-PLUS-125		15.5	125	200	200	11200	3.4	3.4	218.0	5906675006154
	GOK-PLUS-135		15.5	135	200	200	11200	3.6	3.6	233.8	5906675006161
	GOK-PLUS-165		15.5	165	150	150	8400	3.2	3.2	210.5	5906675006178
	GOK-PLUS-185		15.5	185	100	100	5600	2.5	2.5	172.0	5906675006185
	GOK-PLUS-225		15.5	225	100	100	5600	2.8	2.8	184.9	5906675006192
	GOK-PLUS-255		15.5	255	75	75	4200	2.4	2.4	164.3	5906675006208
	GOK-PLUS-285		15.5	285	75	75	4200	2.6	2.6	173.6	5906675006215
	GOK-PLUS-325		15.5	325	50	50	2800	2.0	2.0	143.3	5906675006222
	GOK-PLUS-385		15.5	385	50	50	2400	2.4	2.4	142.8	5906675006239
	GOK-PLUS-425		15.5	425	50	50	2000	2.6	2.6	132.1	5906675006246

1) ETA-09/0346