

GOK, GOK-N + WW-T Roofing fixing system

Pre-assembled telescopic fastening system for wood substrate.



Approvals and Reports

- ETA-09/0346
- UKTA-22/6338



Product information

Features and benefits

- Impact-resistant material used ensures constant mechanical properties over the lifetime of a roof. Also, retains its properties over a wide temperature range.
- The lenticular shape of the plate ensures a firm pressure on the membrane and no possibility of dragging and deforming the plate during assembly
- Round plate eliminates the need of positioning the fixing during the installation, the bottom part of the connection sleeve is designed to carry very heavy loads during operation of the roof.
- Internal sleeve design allows pre-assembly with any Rawlplug roofing screw, shortening installation.
- Hardened screw's thread surface. High quality anti-corrosion coating guarantees resistance of 15 Kesternich cycles.
- The shape and type of screw's thread is designed specifically for connecting to wood.
- 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.

Applications

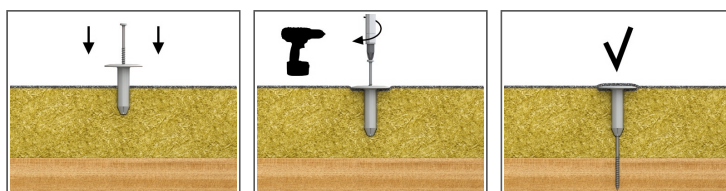
- Insulation layers to flat roofs to substrate: timber

Base materials

Approved for use in:

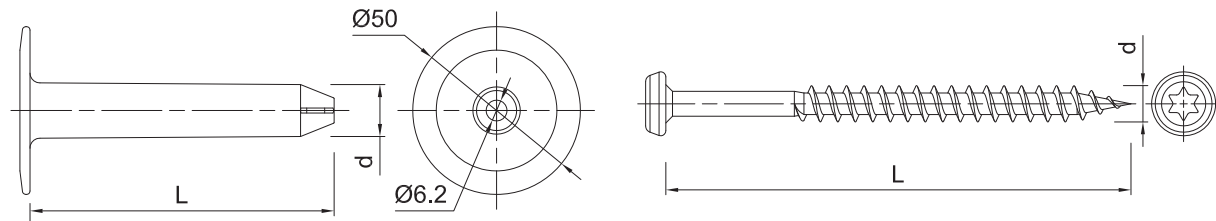
- Timber
- Plywood
- Chipboard

Installation guide



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

Product information



Product Code		Plastic sleeve			Fixture			
		Diameter	Length	Plate diameter	Min. thickness	Max. thickness		
		d	L	D		Timber	Plywood	Chipboard OSB
		[mm]	[mm]	[mm]	t _{fix} [mm]	t _{fix} [mm]	t _{fix} [mm]	t _{fix} [mm]
R-GOK-015		15.5	15	50	30	96	100	102
R-GOK-035		15.5	35	50	50	116	120	122
R-GOK-065		15.5	65	50	80	146	150	152
R-GOK-075		15.5	75	50	90	156	160	162
R-GOK-085		15.5	85	50	100	166	170	172
R-GOK-095		15.5	95	50	110	176	180	182
R-GOK-105		15.5	105	50	120	186	190	192
R-GOK-125		15.5	125	50	140	206	210	212
R-GOK-135		15.5	135	50	150	216	220	222
R-GOK-165		15.5	165	50	180	246	250	252
R-GOK-185		15.5	185	50	200	266	270	272
R-GOK-225		15.5	225	50	240	306	310	312
R-GOK-255		15.5	255	50	270	336	340	342
R-GOK-285		15.5	285	50	300	366	370	372
R-GOK-325		15.5	325	50	340	406	410	412
R-GOK-385		15.5	385	50	400	466	470	472
R-GOK-425		15.5	425	50	440	506	510	512
	R-GOK-525-N	15.5	525	50	540	606	610	612
	R-GOK-625-N	15.5	625	50	640	706	710	712
	R-GOK-725-N	15.5	725	50	740	806	810	812

Product Code	Screw		
	Diameter	Length	Length of the thread (at least)
	d	L	b
	[mm]	[mm]	[mm]
R-WW-50T25	5	25	
R-WW-50T35	5	35	
R-WW-50T45	5	45	
R-WW-50T55	5	55	
R-WW-50T75	5	75	50
R-WW-50T90	5	90	50

Installation data

Substrate			Timber	Plywood	Chipboard OSB
Screw diameter	d	[mm]	5	5	5
Hole diameter in substrate	d ₀	[mm]	-	-	-
Min. hole depth in substrate	h ₀	[mm]	-	-	-
Min. installation depth	h _{nom}	[mm]	24	20	18
Min. substrate thickness	h _{min}	[mm]	24	20	18
Min. spacing	s _{min}	[mm]	120	120	120
Min. edge distance	c _{min}	[mm]	30	30	30

Basic performance data

Size		Timber, grade C24	Plywood	Chipboard OSB
Effective embedment depth h _{ef}	[mm]	24.00	20.00	18.00
MEAN ULTIMATE LOAD				
GOK + WW	[kN]	1.84	1.84	1.84
CHARACTERISTIC LOAD				
GOK + WW	[kN]	1.66	1.66	1.32
DESIGN LOAD				
GOK + WW	[kN]	0.83	0.83	0.66
RECOMMENDED LOAD				
GOK + WW	[kN]	0.59	0.59	0.47

Product commercial data

Size	Product Code	Plastic sleeve		Screw	Quantity [pcs]			Weight [kg]			Bar Codes
		Diameter [mm]	Length [mm]		Box	Outer	Pallet	Box	Outer	Pallet	
Ø5.0	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
Ø5.0	R-WW-50T25			25	500	8000	192000	1.48	23.7	599.9	5906675104447
	R-WW-50T35			35	500	8000	192000	2.0	31.6	789.2	5906675104454
	R-WW-50T45			45	250	4000	96000	1.19	19.1	488.5	5906675104485
	R-WW-50T55			55	200	3200	76800	1.19	19.0	486.2	5906675104010
	R-WW-50T75			75	100	1600	38400	0.76	12.1	321.1	5906675104515
	R-WW-50T90			90	100	1600	38400	0.88	14.1	369.5	5906675104539

1) ETA-09/0346