

R-TFIX-8S-UV

SCREW-IN INSULATION FIXING DEDICATED TO VENTILATED FACADES

Certified facade fixings for mechanical fastening of insulation boards in ventilated facade systems.



FEATURES AND BENEFITS

The sleeve is made of UV-resistant polypropylene.

The shortest embedment depth is 25 mm at the maximum strength parameters.

The black sleeve combined with the black R-KWL insulation retaining plate with a diameter of 140 mm ensures no visible insulation fixing points on ventilated facades.

Quick and easy installation in all substrates (categories A, B, C, D, E).

Unique design allows for high load-bearing capacities. This reduces the quantity of fixings required per square metre of insulation.

The long plastic overmoulding on the R-TFIX-8S screw minimises thermal bridging (value 0,001-0,002 W/K), contributing to energy-saving benefits.

Plate stiffness (value 0.5 kN/mm) ensures smooth elevation surface and stable insulation system.

SUBSTRATES



Concrete C12/15-C50/60 (A)



External wall panel of concrete C16/20 – C50/60 (A)



Solid brick (B)



Solid sand-lime brick (B)



Hollow brick (C)



Hollow sand-lime brick (C)

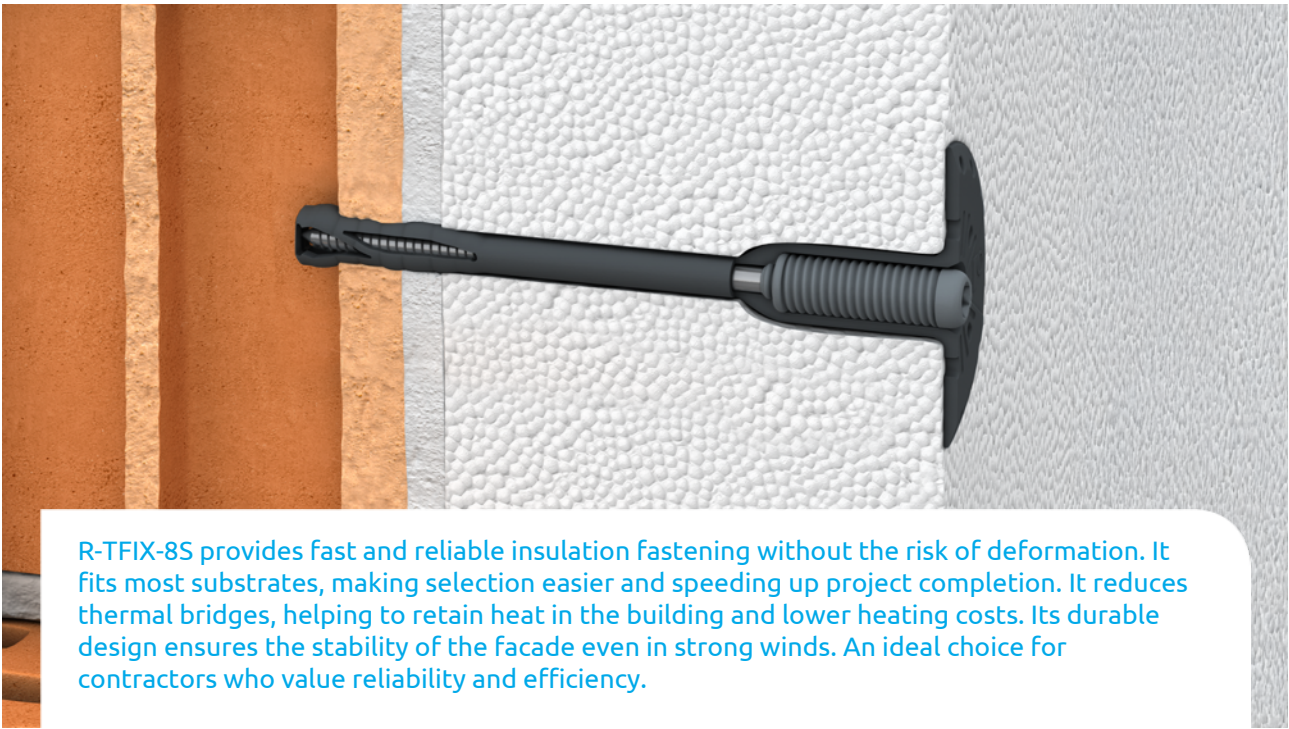


Lightweight concrete block (C)



Hollow lightweight concrete block (D)





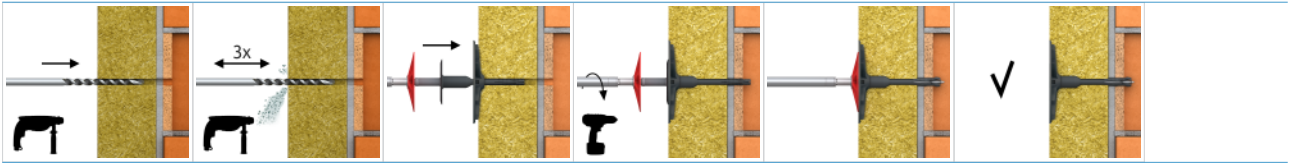
R-TFIX-8S provides fast and reliable insulation fastening without the risk of deformation. It fits most substrates, making selection easier and speeding up project completion. It reduces thermal bridges, helping to retain heat in the building and lower heating costs. Its durable design ensures the stability of the facade even in strong winds. An ideal choice for contractors who value reliability and efficiency.

APPLICATIONS

Facades - thermal insulation systems

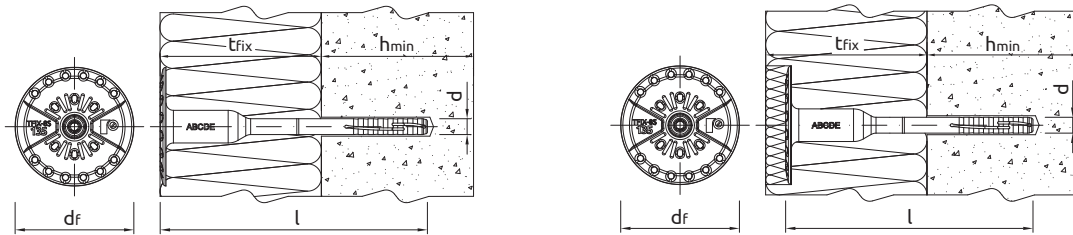


INSTALLATION GUIDE



1. Drill a hole of required diameter and depth.
2. Drilling depth of min 35 mm in A, B, C, D materials and 55 mm in Aerated Concrete Block.
3. Clean drilled hole 3 times.
4. Insert driver bit into recess in head moulding of R-TFIX-8S screw.
5. Insert the fixing into the drilled hole.
6. After inserting the fixing in the hole, the plate should be pressed against the thermal insulation surface.
7. Embedment depth of min 25 mm in A, B, C, D materials and 45 mm in Aerated Concrete Block.
8. Apply steady axial pressure, ensuring the disc of the setting tool is kept perpendicular to the fixing axis.
9. Steadily drive in the screw with high revs until fixing is secure (when disc touches insulation surface).

INSTALLATION DATA



Surface mounting

Countersunk mounting

SKU	Fixing			Fixture	
	Diameter	Plate diameter	Length	Recommended thickness	Recommended thickness
	d	d _f	l	t _{fix} A, B, C, D	t _{fix} E
	mm	mm	mm	mm	mm
R-TFIX-8S-175-UV	8	60	175	140	120
R-TFIX-8S-195-UV	8	60	195	160	140
R-TFIX-8S-215-UV	8	60	215	180	160
R-TFIX-8S-235-UV	8	60	235	200	180
R-TFIX-8S-255-UV	8	60	255	220	200
R-TFIX-8S-275-UV	8	60	275	240	220

Installation characteristics for specific use category.








Use category			A,B,C,D	E
Hole diameter in substrate	d _o	[mm]	8	8
Min. installation depth	h _{nom}	[mm]	25	45
Min. substrate thickness ¹⁾	h _{min}	[mm]	100	100
Min. hole depth in substrate - surface assembly	h _o	[mm]	35	55
Min. hole depth in substrate - countersunk assembly	h _o	[mm]	45	65
Min. edge distance	c _{min}	[mm]	100	100
Min. spacing	s _{min}	[mm]	100	100

¹⁾ Min. thickness of external wall panel of concrete h_{min} = 40 mm

LOGISTICAL DATA

SKU	Base-sales unit	Unit pack	Bulk pack	Pallet	Single Package - Gross Weight	Bulk Package - Gross Weight	Palette - Gross Weight	Barcode
R-TFIX-8S-175-UV	pcs.	200.0	200.0	6400.0	7.8	7.8	248.8	5906675559513
R-TFIX-8S-195-UV	pcs.	200.0	200.0	6400.0	8.5	8.5	270.8	5906675559520
R-TFIX-8S-215-UV	pcs.	100.0	100.0	4000.0	4.8	4.8	192.2	5906675559537
R-TFIX-8S-235-UV	pcs.	100.0	100.0	4000.0	5.0	5.0	201.5	5906675559544
R-TFIX-8S-255-UV	pcs.	100.0	100.0	4000.0	5.5	5.5	219.8	5906675559551
R-TFIX-8S-275-UV	pcs.	100.0	100.0	4000.0	5.8	5.8	233.2	5906675645773

RELATED PRODUCTS

DRILLING	Manual					
		Cordless Hammer 18V SDS plus R-PRH18 	Cordless drill/driver 18V 100Nm R-PDD18-P100-S 	Drill bits Aggressor SDS plus RT-SDSA 	Drill bits Brickdrill SDS plus RT-SDSB 	Drill bits Rebardrill SDS plus RT-SDSR 
ANCHORING	Accessories	Setting tool R-TFIX-TOOL-RED 	Setting tool R-TFIX-TOOL-GREEN 	Insulation retaining plate R-KWL-UV 