R-FSC

COLLATED DRYWALL SCREWS FOR METAL

Drywall screw with fine thread for plasterboard fixing

CE

PN-EN 14566 + A1: 2012
DoP-EN14566



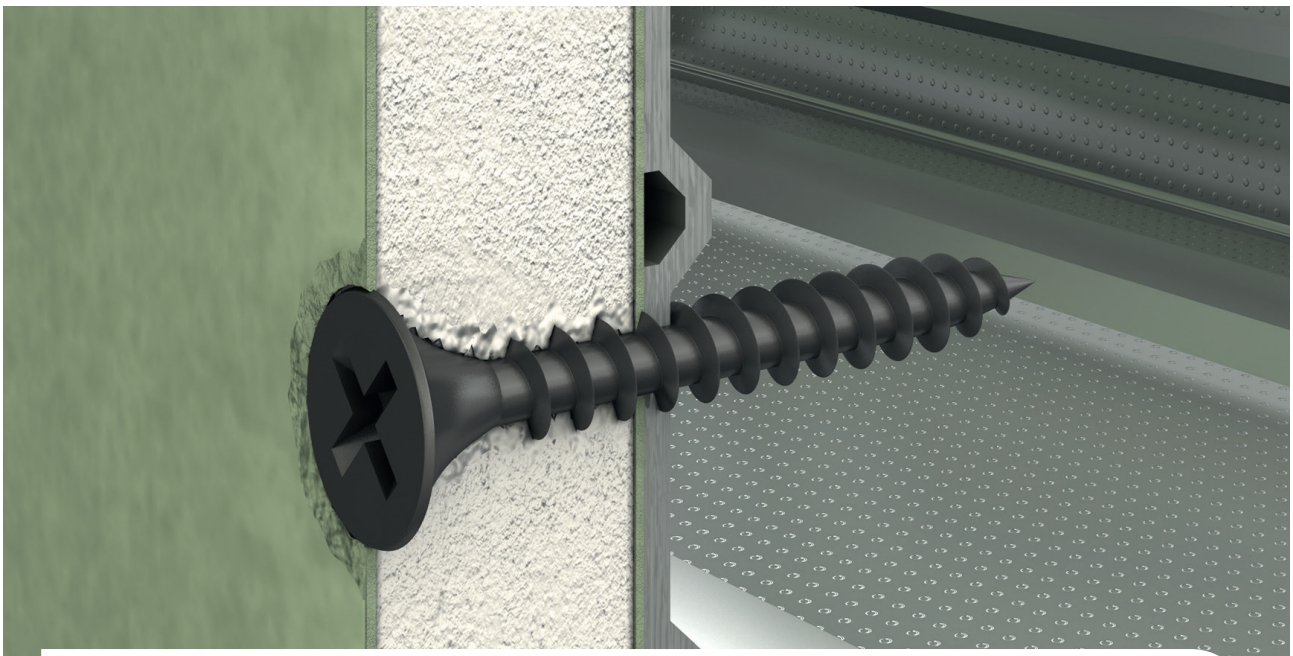
FEATURES AND BENEFITS

- Top-quality collating strip material with precisely controlled dimensions ensures exceptional rigidity and stable screw feeding – the risk of skipping or jamming in the collated screw feeder is virtually eliminated
- Ultra-fast and consistent driving performance – up to 90% of screws penetrate a 0.7 mm steel profile in under 0.4 s, and 99% achieve full drilling in up to 0.8 s, enabling rapid installation
- Precisely optimised tip geometry with a clearly sharp point delivers maximum drilling efficiency
- Installation without pre-drilling – faster, easier and effortless
- Durable low-carbon black steel with phosphated coating ensures long-lasting screw durability and corrosion resistance
- Consistent coating without flaking – effective protection of the screw over the entire surface
- Bugle head with PH2 drive designed to finish flush with plasterboard, ensuring a clean and professional appearance

BASE MATERIAL



Metal



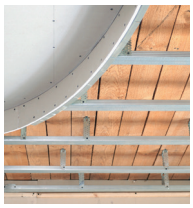
Top-quality phosphated screws for fixing plasterboard to thin-gauge metal profiles. Special geometry, Sharp Point tip and aggressive thread enable fast driving without pre-drilling. The optimised tip design ensures very fast and repeatable drilling performance – over 90% of screws penetrate 0.7 mm metal in under 0.4 s, and 99% within 0.8 s, accelerating installation. Stable driving ensures secure fixing and minimises the risk of plasterboard damage. The phosphated coating protects against corrosion and improves the adhesion of jointing compounds, facilitating subsequent finishing work.

APPLICATIONS

Mounting plasterboard to drywall construction framing



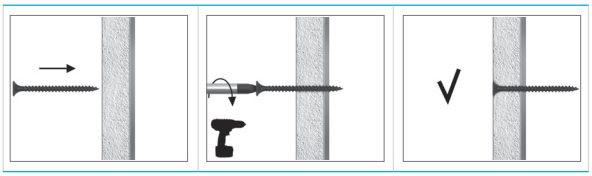




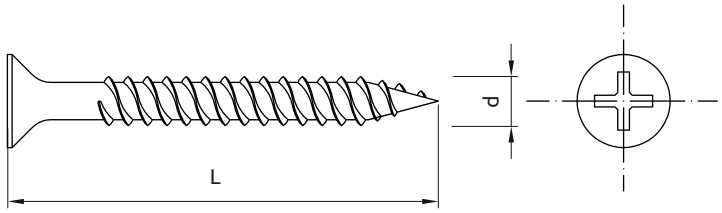


INSTALLATION GUIDE



1. Position the screw perpendicular to the surface at the intended fixing point.
2. Begin screwing in, maintaining steady, moderate pressure until the screw securely passes through the material.
3. Complete the installation once the screw head is flush with the surface.

PRODUCT INFORMATION



Size	Product	Screw		Fixture
		Diameter	Length	Max. thickness
		d	L	t_{fix}
		[mm]		
Ø3,5	R-FSC-3525	3.5	25	14
	R-FSC-3538	3.5	38	27
	R-FSC-3545	3.5	45	34

Thickness ofthe aluminum profile	Speed	Weight	Speed
[mm]	[s]	[kg]	[obr/min]
0,7	< 0.4s (90%)	15.3	2500
0,7	< 0.8s (99%)	15.3	2500

INSTALLATION DATA

Size			Ø 3.5
Substrates			Steel
Min. installation depth	h_{nom}	[mm]	-
Min. substrate thickness	h_{min}	[mm]	0.5
Min. spacing for other substrates	s_{min}	[mm]	30
Min. edge distance	c_{min}	[mm]	30

BASIC PERFORMANCE DATA

Performance data for single fixing without influence of edge distance and spacing

Size		Ø 3.5
Substrates		Steel
Substrate thickness h_{min}	[mm]	0.5
CHARACTERISTIC LOAD F_{RK}		
FS F_{Rk}	-	0.57
DESIGN LOAD F_{RD}		
FS F_{Rd}	-	0.29
RECOMMENDED LOAD F_{REC}		
FS F_{rec}	-	0.21

LOGISTICAL DATA

Product	Screw [mm]		Quantity [pcs]			Weight [kg]			EAN
	Diameter	Length	Unit pack	Bulk pack	Pallet	Unit pack	Bulk pack	Pallet	
R-FSC-3525	3.5	25	1000	12000	240000	1.53	18.4	397.2	5906675486659
R-FSC-3538	3.5	38	1000	10000	100000	2.1	21.3	343	5391528690299
R-FSC-3545	3.5	45	1000	10000	100000	2.4	24.1	389	5391528691661

RELATED PRODUCT

DRILLING

POWER TOOLS

18 V RawlDRIVER
Drywall cordless screwdriver
R-PDS18



ACCESSORIES

Long bits for screwdriver
Phillips2 PH2 130 mm
RT-BIT-PH2/130DS

INSTALLATION

ACCESSORIES

Tape rules
MN-81-025



Aluminum spirit level
painted 120cm



Locksmith's hammer
RT-HAM-0500



Carpenter's pencil
MN-88-018

PROTECTION

ACCESSORIES

Protective gloves
R-PGL



Protective goggles
MN-06-093

