

Technical data sheet

SIMPSON

Strong-Tie

CBSDQ

Self Drilling Fibre Cement Screw

The CBSDQ screw is suitable for fixing fibre cement board/timber to steel such as modular housing construction. It has a countersunk ribbed flat head, fine thread and drill point with wings. The wings ream a hole larger in the cement board/timber and break off when they hit the steel. This allows the cement board/timber to be pulled tight to the steel. Suitable for steel up to 3mm thick.

Features

Material

- Steel - Quik Guard[®] coated

Benefits

- CE Marked to EN14566
- Countersunk ribbed flat head for neat finish
- Drill point with wings to clear debris from hole
- Self tapping fine thread
- Driver bit included (BIT2SUE)

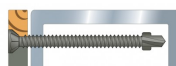
Applications

Support

- Used for fixing to steel only
- Maximum steel thickness 3mm

Common Applications

- Fibre cement board to steel
- Cement board to steel
- Timber to steel



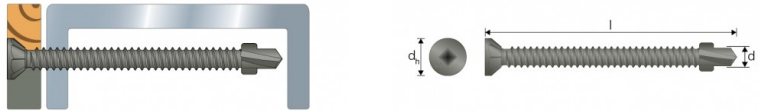
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Technical Data

Dimensions and characteristics values



References	Head Ø [mm]	Thead Ø [mm]	Screw length [mm]	Nb of screw / strip	Nb of screw / box	Compatibles tools	Max rotation speed [tr/min]
CBSDQ41E	8.4	4.2	41	30	1500	QDPR051E / QDPR064E / QDPR076SKE	2500

Product Dimensions



References	Fastener dimensions [mm]			TPI	Drill Point	Qty per Strip	Qty per Box	Recommended RPM	Quik Drive Attachment	Weight [kg]
	d _h	d	l							
CBSDQ41E	8.4	4.2	41	18	#2	30	1500	2500	QDPR051E / QDPR064E / QD76KE	0.004

Performance Values



References	Connection Detail	Connection detail - DE	Pullout	Pull Through		Shear		
			F _{ax,Rk} [kN]	F _{head,Rk} [kN]	Min Headside Material Thickness [mm]	F _{lat,Rk} [kN]	Members	Members - DE
CBSDQ41E	Fibre Cement Board to Steel	Faserzementplatten an Stahl	3.65	0.35	12	0.95	12mm FCB to 3mm Steel	12 mm FCB an 3 mm Stahl

1. All wood C24 grade
2. All steel in strength class S275

Performance Values LGS

References	Member Thickness [mm]	Safe Working Loads [kN]			Characteristic Loads [kN]		
		Head Pull-Through	Shear	Tension	Head Pull-Through	Shear	Tension
CBSDQ41E	1.2	0.8	1	0.8	1.2	1.6	1.2

Head pull-through based upon 12mm Fibre Cement Board

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