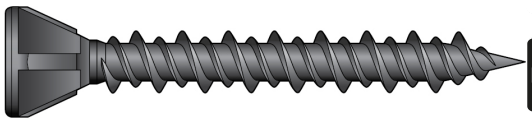
Technical Sheet

MTH
Underlayment to Wood or Steel Screw

The MTH underlayment screw is designed for fast and secure underlayment to subfloor installations. Unlike nails, the MTH underlayment screw has an intricate high-low thread pattern designed to prevent squeaking by holding plywood tight to the subfloor and thus preventing withdrawal. Its countersunk compact trim-head allows for a flush surface finish and prevents floor coverings from settling in countersink recesses. CE marked to EN14592.
MTH is a ribbed head screw with sharp point suitable for plywood, chipboard and OSB to wood installations, such as flooring.















Features

Material

- Steel - grey phosphate coating
- Steel - yellow zinc coating

Benefits

- 25mm and 32mm lengths CE marked to EN14592
- Deep recessed square drive holds bits tight, reducing cam-outs
- High-low thread for easy driving and holding underlayment tight
- Specially-designed sharp point for fast starts
- Trim-head with nibs for easy countersinking
- Plywood or OSB to wood applications
- Recommended for installing Fermacell board to steel up to 0.9mm thickness
- Bit (BIT2SE) included in every box for 25mm and 32mm screws
- Bit (BITL2SE) included in every box for 19mm screws

New

New MTHZ19E 19mm collated flooring screw. Using fasteners longer than necessary can lead to screws protruding through the underside of floorboards. This has the potential to cause all sorts of problems including damaging water pipes, cables and underfloor heating. The 19mm flooring screw is a safer way to fix 6mm plywood whilst providing superior holding power that only a screw can provide, and eliminating floor squeaks, floor lift and withdrawal that can occur when using nails. With 50 screws per strip there is less time reloading and significantly reducing

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Technical Data



Dimensions and caracteristics values

Reference	Fasteners Dimensions						
	Product Dimensions[mm]			QD information			Other
	Head diameter[mm]	Thread Diameter[mm]	Total Length[mm]	Qty per Strip	Recommended RPM[U/Min.]	Quik Drive Attachment	Qty per Box
MTH25E	6.9	3.8	25	30.0	2500	QDPR051E / QD76KE	2500.0
MTH32E	6.9	3.8	32	30.0	1000 - 2500	QDPR051E / QD76KE	2500.0
MTH32SE	6.9	3.8	32	30.0	2500	QDPR051E / QD76KE	2500.0

* Gray phosphate finish.
** Yellow zinc dichromate.

Mechanical properties (EN14592)

Reference	Screw Parameters				
	Characteristic parameters				
	Characteristic moment of elasticity - $My,_k$[Nm]	Characteristic pullout parameter[N/mm²]	Characteristic head traversal parameter[N/mm²]	Characteristic pulling capacity[kN]	Characteristic resistance to torsion - $R_{tor,k}$[Nm]
MTH25E	-	-	-	-	-
MTH32E	2	11.5	13.7	4.7	2.7
MTH32SE	-	-	-	-	-



Product Dimensions UK

Reference	Fasteners Dimensions							
	Product Dimensions[mm]			QD information			Other	
	Head diameter[mm]	Thread Diameter[mm]	Total Length[mm]	Qty per Strip	Recommended RPM[U/Min.]	Quik Drive Attachment	Qty per Box	Weight[kg]
MTH25E	6.9	3.8	25	30.0	2500	QDPR051E / QD76KE	2500.0	0.002
MTH32E	6.9	3.8	32	30.0	1000 - 2500	QDPR051E / QD76KE	2500.0	0.002
MTH32SE	6.9	3.8	32	30.0	2500	QDPR051E / QD76KE	2500.0	4.9

- MTH = grey phosphate coating
- MTHZ = yellow zinc plated coating

Technical Sheet

MTH
Underlayment to Wood or Steel Screw

Characteristic capacities on metal - DE

Reference	Screw Loads						
	Connection to metal						
	Application	Pull out		Head pull through		Shear	
		Fax,Rk[kN]	min. t[mm]	Fhead,k[kN]	min. t of construction member (under head)[mm]	Flat,k[kN]	min. t of construction member[mm]
MTH25E	Fermacell an Stahl	0.85	-	0.95	12.5	1.8	12,5 mm Fermacell an ≥ 0,7 mm Stahl
MTH32E	Fermacell an Stahl	0.85	-	0.95	12.5	1.8	12,5 mm Fermacell an ≥ 0,7 mm Stahl

Characteristic capacities on timber - DE

Reference	Screw Loads						
	Connection to timber						
	Application	Pull out		Head pull through		Shear	
		Fax,Rk[kN]	min. t[mm]	Fhead,k[kN]	min. t of construction member (under head)[mm]	Flat,k[kN]	min. t of construction member[mm]
MTH25E	Fermacell an Holz	0.6	13	0.95	12.5	0.7	12,5 mm Fermacell an ≥ 12,5 mm Holz
MTH32E	Fermacell an Holz	1.15	20	0.95	12.5	0.95	12,5 mm Fermacell an ≥ 20 mm Holz

MTH
Underlayment to Wood or Steel Screw

Options





High-Low thread



Tapered tip

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