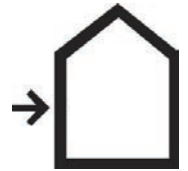


PRODUCT BULLETIN

Sto Thermo Dowel

- | | |
|-----------------------------|-----------------------------|
| 81637-001 2" Thermo Dowel S | 81637-005 3" Thermo Dowel W |
| 81637-002 3" Thermo Dowel S | 81637-006 4" Thermo Dowel W |
| 81637-003 4" Thermo Dowel S | 81637-007 3" Thermo Dowel C |
| 81637-004 2" Thermo Dowel W | 81637-008 4" Thermo Dowel C |

- 81638-001 Sto Thermo Cap Wool
81639-001 Sto Thermo Countersunk Tool



PRODUCT DESCRIPTION

Sto Thermo Dowel is a pre-assembled fastener and dowel for the StoTherm ci Mineral system. It is specifically designed to minimize thermal conductivity.

USES

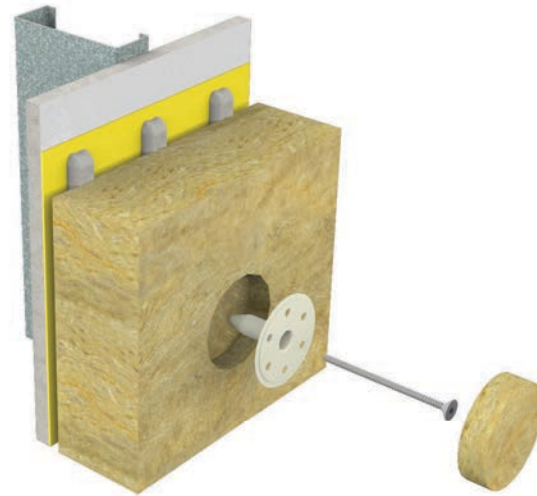
Sto Thermo Dowels are used to anchor insulation boards to the supporting structure in the StoTherm ci Mineral system.

APPLICATION

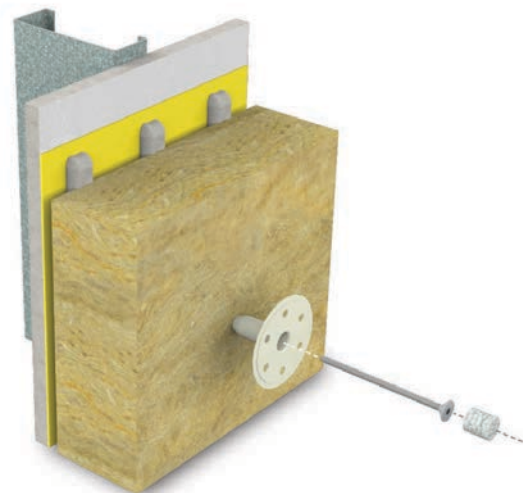
- The type of Thermo Dowel used will depend on insulation board thickness and type of framing. Refer to the product information table below.
- For 3" and 4" boards, the dowels are countersunk into the mineral wool.
 - The dowels are countersunk into the mineral wool, approximately 3/4" (19mm) with the Sto Thermo Countersunk Tool.
 - Sto Thermo Cap Wool (see top right image) is then placed over the countersunk dowel and sits flush with the mineral wool surface.

See Sto Thermo Cap Wool and Sto Thermo Countersunk Tool information located on page 2 of this document.

For details on fastener patterns and installation, refer to StoTherm ci Mineral installation guide.



Countersunk Sto Thermo Dowel with Sto Thermo Cap Wool



Surface mount Sto Thermo Dowel with thermal plug

PRODUCT INFORMATION

Insulation Board Thickness	Surface Mount or Countersunk	Metal Framing	Wood Framing	Concrete	Packaging (Pieces)
2" (51 mm)	Surface mount	2" Thermo Dowel S	2" Thermo Dowel W	not available	100
3" (76 mm)	Countersunk	3" Thermo Dowel S	3" Thermo Dowel W	3" Thermo Dowel C	100
4" (102mm)	Countersunk	4" Thermo Dowel S	4" Thermo Dowel W	4" Thermo Dowel C	100

NOTE: Choose the dowel based on insulation board thickness and type of framing. For wall assemblies not included in this table, please contact Sto technical services.

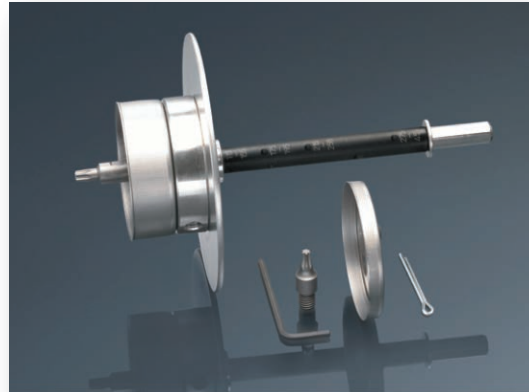
NOTE: Required bits for driving fasteners are: Sto Thermo Dowel C - Torx T30
Sto Thermo Dowel S - Torx T25
Sto Thermo Dowel W - Torx T25

PRODUCT BULLETIN

Sto Thermo Dowel

STO THERMO COUNTERSUNK TOOL

The Sto Thermo Countersunk Tool is used to countersink Sto Thermo Dowels and drive them into the supporting structure. The tool compresses the mineral wool insulation board, prevents over-driving and helps achieve the proper depth for the dowel to be countersunk.



DOWEL CAPS

Sto Thermo Cap Wool is inserted into the recess after the dowels are properly countersunk. It aids to minimize thermal conductivity.



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