

DIN EN 16382:2026-06 (E)

Thermal insulation products for building applications - Determination of the pull-through resistance of plate and spiral plate anchors through thermal insulation

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Principle	4
5	Apparatus	4
5.1	Experimental setup	4
5.2	Glue	6
5.3	Template	6
5.4	Clamping device	7
5.5	Tension plate	7
5.6	Tensile testing machine	7
6	Test specimens	7
6.1	Thermal insulation and anchor position	7
6.2	Preparation of the test specimens	8
6.3	Number of test specimens	9
7	Procedure	9
7.1	Test conditions	9
7.2	Attachment of the test specimens to the tensile testing machine	9
7.3	Test procedure	12
8	Calculation and expression of results	13
8.1	Failure load	13
8.2	Pull-through resistance F5 %	13
8.3	Determination of the mean breaking cone	14
9	Test report	14