

DIN EN 16383:2026-05 (E)

Thermal insulation products for building applications - Determination of the hygrothermal behaviour of external thermal insulation composite kits with a rendering system (ETICS kits)

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Principle	5
5	Test apparatus	5
5.1	Testing device	5
5.2	Crack measuring gauge	6
6	Test specimen	6
6.1	Preparation of the test specimen	6
6.1.1	General	6
6.1.2	Test specimen with one opening	6
6.1.3	Test specimen with two openings	7
6.2	Conditioning of the test specimen	8
7	Hygrothermal cycles to which the test specimen is exposed	8
7.1	General	8
7.2	Heating and wetting	9
7.3	Heating and cooling	10
7.4	Wetting, freezing and thawing	11
8	Assessment of the test specimen after the hygrothermal cycles	12
9	Test report	12