

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 |