

DIN EN 13495:2019-11 (E)

Thermal insulation products for building applications - Determination of the pull-off resistance of external thermal insulation composite systems (ETICS) (foam block test)

| Contents | | Page |
|--|---|-------------|
| European foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Terms and definitions, symbols and units | 4 |
| 3.1 | Terms and definition | 4 |
| 3.2 | Symbols and units | 4 |
| 4 | Principles | 5 |
| 5 | Test equipment/apparatus | 5 |
| 5.1 | Substrates | 5 |
| 5.1.1 | General | 5 |
| 5.1.2 | Concrete substrate | 5 |
| 5.1.3 | Timber substrate | 5 |
| 5.2 | Foil | 5 |
| 5.3 | Foam blocks | 6 |
| 5.4 | Glue | 6 |
| 5.5 | Tension plate and rigid construction for load distribution | 6 |
| 5.6 | Tensile testing machine | 6 |
| 6 | Test specimen | 12 |
| 6.1 | Dimensions of the test specimen | 12 |
| 6.2 | Number of test specimens | 12 |
| 7 | Test preparation | 13 |
| 7.1 | Preparation of test specimens | 13 |
| 7.2 | Conditioning of test specimens | 13 |
| 8 | Procedure | 13 |
| 8.1 | Test conditions | 13 |
| 8.2 | Test procedure | 13 |
| 8.2.1 | General | 13 |
| 8.2.2 | Specific test procedures | 13 |
| 9 | Calculation and expression of results | 15 |
| 9.1 | Failure load | 15 |
| 9.2 | Load-bearing capability F5 % | 15 |
| 10 | Test report | 16 |
| Annex A (normative) Mechanical pre-conditioning | | 18 |
| Bibliography | | 19 |