

DIN EN ISO 12572



ICS 91.100.01

Supersedes
DIN EN ISO 12572:2001-09

**Hygrothermal performance of building materials and products –
Determination of water vapour transmission properties –
Cup method (ISO 12572:2016);
English version EN ISO 12572:2016,
English translation of DIN EN ISO 12572:2017-05**

Wärme- und feuchtetechnisches Verhalten von Baustoffen und Bauprodukten –
Bestimmung der Wasserdampfdurchlässigkeit –
Verfahren mit einem Prüfgefäß (ISO 12572:2016);
Englische Fassung EN ISO 12572:2016,
Englische Übersetzung von DIN EN ISO 12572:2017-05

Performance hygrothermique des matériaux et produits pour le bâtiment –
Détermination des propriétés de transmission de la vapeur d'eau –
Méthode de la coupelle (ISO 12572:2016);
Version anglaise EN ISO 12572:2016,
Traduction anglaise de DIN EN ISO 12572:2017-05

Document comprises 37 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN ISO 12572:2016) has been prepared by Technical Committee ISO/TC 163 “Thermal performance and energy use in the built environment” in collaboration with Technical Committee CEN/TC 89 “Thermal performance of buildings and building components” (Secretariat: SIS, Sweden).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-56-99 AA “Moisture” (national mirror committee for CEN/TC 89/WG 10).

The DIN Standard corresponding to the International Standard referred to in this document is as follows:

ISO 9346 DIN EN ISO 9346

Amendments

This standard differs from DIN EN ISO 12572:2001-09 as follows:

- a) insulation materials have been included in the Scope;
- b) in Clause 5, e) constant temperature, constant humidity chamber has been included;
- c) in 6.2.3, requirements regarding thickness of test specimen to measure the permeability of core materials have been included;
- d) in 6.3, the specimen area size has been amended;
- e) in 6.4, requirements for storage time and relative humidity for condition D have been included;
- f) in 6.5, a new paragraph with requirements has been included;
- g) in 7.1, requirements for temperature and relative humidity for test conditions have been amended;
- h) in 8.1, the calculation of mass change has been amended;
- i) 9.8 has been deleted.

Previous editions

DIN 53429: 1971-02
DIN 52615-1: 1973-06
DIN 52615: 1987-11
DIN EN ISO 12572: 2001-09

National Annex NA
(informative)

Bibliography

DIN EN ISO 9346, *Hygrothermal performance of buildings and building materials — Physical quantities for mass transfer — Vocabulary*