

DIN EN ISO 6270-2



ICS 87.040

Supersedes
DIN EN ISO 6270-2:2005-09 and
DIN EN ISO 6270-2 Corrigendum
1:2007-10

**Paints and varnishes –
Determination of resistance to humidity –
Part 2: Condensation (in-cabinet exposure with heated water reservoir)
(ISO 6270-2:2017);
English version EN ISO 6270-2:2018,
English translation of DIN EN ISO 6270-2:2018-04**

Beschichtungsstoffe –
Bestimmung der Beständigkeit gegen Feuchtigkeit –
Teil 2: Kondensation (Beanspruchung in einer Klimakammer mit geheiztem Wasserbehälter)
(ISO 6270-2:2017);
Englische Fassung EN ISO 6270-2:2018,
Englische Übersetzung von DIN EN ISO 6270-2:2018-04

Peintures et vernis –
Détermination de la résistance à l'humidité –
Partie 2: Condensation (exposition en enceinte avec réservoir à eau chauffée)
(ISO 6270-2:2017);
Version anglaise EN ISO 6270-2:2018,
Traduction anglaise de DIN EN ISO 6270-2:2018-04

Document comprises 17 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 6270-2:2018) has been prepared by Technical Committee ISO/TC 35 “Paints and varnishes” in collaboration with Technical Committee CEN/TC 139 “Paints and varnishes” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Beschichtungsstoffe und Beschichtungen* (DIN Standards Committee Coatings and Coating Materials), Working Committee NA 002-00-07 AA “General test methods for coating materials and coatings”.

The DIN Standards corresponding to the International Standards referred to in this document are as follows:

ISO 3270	DIN EN 23270
ISO 4618	DIN EN ISO 4618
ISO 4628 (all parts)	DIN EN ISO 4628 (all parts)

Amendments

This standard differs from DIN EN ISO 6270-2:2005-09 and DIN EN ISO 6270-2 Corrigendum 1:2007-10 as follows:

- a) Clause 6 “Principle” has been included;
- b) Clause 3 “Terms and definitions” has been included;
- c) Clause 4 “Limitations” on the limitations concerning the use of other than standard test conditions has been added;
- d) the recommendation to use distilled or deionized water for filling the trough has been changed;
- e) a requirement has been added to make sure that condensation forms on all test specimens;
- f) a method for the determination of the comparison quantity of condensation water has been added;
- g) information on precision has been added;
- h) normative references have been updated.

Previous editions

DIN 50017: 1963-12, 1982-10
DIN EN ISO 6270-2: 2005-09
DIN EN ISO 6270-2 Corrigendum 1: 2007-10

National Annex NA
(informative)

Bibliography

DIN EN 23270, *Paints, varnishes and their raw materials — Temperatures and humidities for conditioning and testing*

DIN EN ISO 4618, *Paints and varnishes — Terms and definitions*

DIN EN ISO 4628 (all parts), *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance*