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## **Paints and varnishes — Determination of resistance to humidity —**

### **Part 3: Condensation (in-cabinet exposure with heated, bubbling water reservoir)**

*Peintures et vernis — Détermination de la résistance à l'humidité —*

*Partie 3: Condensation (exposition dans une étuve avec barboteur  
chauffé)*



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## Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>1</b>
<b>5 Limitations</b> .....	<b>2</b>
<b>6 Apparatus</b> .....	<b>2</b>
<b>7 Test specimens</b> .....	<b>3</b>
7.1 Material and dimensions.....	3
7.2 Preparation and coating.....	4
7.3 Drying and conditioning.....	4
7.4 Thickness of coating.....	4
<b>8 Procedure</b> .....	<b>4</b>
8.1 Arrangement of test specimens.....	4
8.2 Start-up.....	5
8.3 Set of test specimens.....	5
8.4 Duration of test.....	5
<b>9 Evaluation</b> .....	<b>5</b>
<b>10 Precision</b> .....	<b>5</b>
<b>11 Test report</b> .....	<b>5</b>
<b>Bibliography</b> .....	<b>7</b>

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

A list of all parts in the ISO 6270 series can be found on the ISO website.

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## Introduction

This document is intended to give consistent conditions and procedures for the conditioning of pre-prepared test specimens which are to be evaluated for defects which can develop when they are subjected to humid ambient atmospheres such as constant condensation-water atmospheres or alternating condensation-water atmospheres.

The tests are designed to clarify the behaviour of the test specimens in humid ambient atmospheres, and to pinpoint any defects in the protection of the test specimens against corrosion. The testing of coatings in these atmospheres does not necessarily give lifetime prediction data.

After conditioning, the test specimens are evaluated either in accordance with documents, such as the appropriate part(s) of ISO 4628, or by procedures agreed between the interested parties.