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Smoke-control door, shutter assemblies and self-closing glazed elements — Ambient-temperature and medium-temperature leakage tests

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Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Symbols **3**
5 Test apparatus **3**
6 Instrumentation **4**
6.1 Differential pressure 4
6.2 Air temperature 4
6.3 Air flow 4
7 Test specimen **4**
7.1 Number 4
7.2 Size 4
7.3 Construction 5
7.4 Conditioning 5
7.5 Pre-test analysis 5
8 Test procedure **5**
8.1 Setting-up procedure 5
8.2 Air leakage test 6
9 Observations **7**
10 Expression of results **7**
11 Test report **8**
12 Field of direct application **8**
Annex A (informative) **Test principle** **10**
Annex B (informative) **Test apparatus** **11**
Annex C (informative) **Commentary on test method and the applicability of test conditions and the use of test data in a smoke containment strategy** **13**
Bibliography **23**

Foreword

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This document was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 2, *Fire Resistance*.

This third edition cancels and replaces the second edition (ISO 5925-1:2007), which has been technically revised. It also incorporates ISO/TR 5925-2:2006 and the Amendment ISO 5925-1:2007/Amd 1:2015.

The main changes are as follows:

— the content of ISO/TR 5925-2 has been included as a new informative Annex C;

— a tolerance for average air temperature in the medium-temperature test has been added;

— self-closing operable glazed elements have been added to the Scope;

— the option to conduct both medium-temperature tests on the same specimen has been added;

— requirements to reduce the effects of water evaporating from walls containing moisture have been added;

— a requirement to determine whether the door can be opened without tools after the test has been added;

— a requirement for an outlet valve to be opened during the heat up and stabilization period has been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document has been prepared to provide a test method for determining the smoke leakage through door and shutter assemblies. It is part of a group of International Standards dealing with fire doors, e.g. the ISO 3008 series.

Annex A includes a brief explanation of the test and Annex B describes the test apparatus.

Additional requirements for the installation and use of smoke-control door and shutter assemblies can be found in other International Standards and national regulations.