



# MALAYSIAN STANDARD

MS 1073-2:1996  
(CONFIRMED:2015)

## Specification for fire resistant doorsets - Part 2: Methods for determination of the fire resistance - General principles

**ICS: 13.220.50**

Descriptors: requirement, fire-resistance doorsets, methods for determination

NOTE. This Malaysian Standard has been reviewed and confirmed as being current.

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**MS 1073 : PART 2 : 1996**

This Malaysian Standard, which had been approved by the Building and Civil Engineering Industry Standards Committee and endorsed by the Board of the Standards and Industrial Research Institute of Malaysia (SIRIM) was published under the authority of the SIRIM Board in 1996

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Amendments issued since publication

Amd. No.	Date of issue	Text affected

## CONTENTS

	<b>Page</b>
Committee representation .....	iii
Foreword .....	iv
<b>1</b> Scope .....	<b>1</b>
<b>2</b> Definitions .....	<b>1</b>
<b>3</b> Test conditions .....	<b>3</b>
<b>4</b> Test Specimen .....	<b>6</b>
<b>5</b> Selection of support and loading condition .....	<b>8</b>
<b>6</b> Apparatus .....	<b>8</b>
<b>7</b> Examination of specimen .....	<b>11</b>
<b>8</b> Preparation of specimen .....	<b>11</b>
<b>9</b> Test procedure .....	<b>11</b>
<b>10</b> Performance criteria .....	<b>12</b>
<b>11</b> Expression of results .....	<b>14</b>
<b>12</b> Test report .....	<b>14</b>
 <b>Appendices</b>	
<b>A</b> Guidance information .....	<b>16</b>
<b>B</b> Operating instructions, specimen preparation and observations .....	<b>32</b>
<b>C</b> Hydrocarbon curve .....	<b>42</b>
 <b>Figures</b>	
<b>1</b> Standard temperature/time curve .....	<b>43</b>
<b>2</b> Specimen surface thermocouple junction and insulating pad .....	<b>44</b>
<b>3</b> Roving thermocouple measuring junction .....	<b>45</b>
<b>4</b> Typical frame for supporting the cotton pad .....	<b>46</b>
<b>5</b> Steel gauges for determining imperviousness .....	<b>47</b>
<b>6</b> Pressure sensing head .....	<b>48</b>
<b>7</b> Furnace thermocouple assembly .....	<b>49</b>
<b>8</b> Thermocouple weight for resilient material .....	<b>50</b>

**Committee representation**

The Building and Civil Engineering Industry Standards Committee under whose supervision this Malaysian Standard was prepared, comprises representatives from the following Government Ministries, trade, commerce and manufacturer association and scientific and professional bodies.

Malaysian Institute of Architects  
Master Builder's Association  
Ministry of Housing and Local Government (Housing Department)  
Ministry of Works and Utilities (Public Works Department)  
University of Technology Malaysia  
Chartered Institute of Building Malaysia

The Working Group on Fire Resistant Doors which prepared this Malaysian Standard consists of the following representatives:

## **FOREWORD**

This Malaysian Standard was prepared by the Working Group on Fire Resistant Doorsets under the authority of the Building and Civil Engineering Industry Standards Committee.

This Malaysian Standard was prepared based on BS 476: Part 20: 1987, Fire Tests on Building Materials and Structure Part 20: Method for Determination of the Fire Resistance elements of construction (General Principles). References were made to the relevant requirements for the testing of doorsets as a non-loadbearing element of construction.

This Malaysian Standard describes the general laboratory procedures, as well as, the equipment required to determine the fire resistance of doorsets. This Malaysian Standard also includes the so-called 'Hydrocarbon curve'. It must be noted that the heating regime specified in Clause 3 is the exposure condition required by this standard, however, in order to avoid confusion which might arise due to non-availability of a standard for such temperature/time curves, appendix D includes for information a heating regime which has been proposed in ISO/834 (as a preferred option) to represent special risk requirements such as may be encountered in offshore structures, etc.