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SPECIFICATION FOR FIRE RESISTANT DOORSETS PART 2 : METHODS FOR DETERMINATION OF THE FIRE RESISTANCE - GENERAL PRINCIPLES

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SIRIM wished to draw attention to the fact that this Malaysian Standard does not purport to include all the necessary provisions of a contract.

The Malaysian Standards are subject to periodical review to keep abreast to progress in the industries concerned. Suggestions for improvements will be recorded and in due course brought to the notice of the Committees charged with the revision of the standards to which they refer.

Amendments issued since publication

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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.