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**JIS R 3205** : 2005

(FGMAJ/JSA)

**Laminated glass**

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by Flat Glass Manufacturers Association of Japan (FGMAJ)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS R 3205** : 1998 is replaced with this Standard.

This revision has been made based on **ISO 12543-1** : 1998 *Glass in building—Laminated glass and laminated safety glass—Part 1: Definitions and description of component parts*, **ISO 12543-3** : 1998 *Glass in building—Laminated glass and laminated safety glass—Part 3: Laminated glass*, **ISO 12543-4** : 1998 *Glass in building—Laminated glass and laminated safety glass—Part 4: Test methods for durability*, **ISO 12543-5** : 1998 *Glass in building—Laminated glass and laminated safety glass—Part 5: Dimensions and edge finishing* and **ISO 12543-6** : 1998 *Glass in building—Laminated glass and laminated safety glass—Part 6: Appearance* for the purposes of making it easier to compare this Standard with International Standards; to prepare Japanese Industrial Standard conforming with International Standards; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,  
the original JIS is to be the final authority.

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## Laminated glass

**Introduction** This Japanese Industrial Standard has been prepared based on the first editions of **ISO 12543-1** *Glass in building—Laminated glass and laminated safety glass—Part 1: Definitions and description of component parts*, **ISO 12543-3** *Glass in building—Laminated glass and laminated safety glass—Part 3: Laminated glass*, **ISO 12543-4** *Glass in building—Laminated glass and laminated safety glass—Part 4: Test methods for durability*, **ISO 12543-5** *Glass in building—Laminated glass and laminated safety glass—Part 5: Dimensions and edge finishing* and **ISO 12543-6** *Glass in building—Laminated glass and laminated safety glass—Part 6: Appearance* published in 1998 with some modifications of the technical contents.

The portions given sidelines or dotted underlines are the matters in which the contents of the original International Standards have been modified. A list of modifications with the explanations is given in Annex (informative).

**1 Scope** This Standard specifies the laminated glass<sup>(1)</sup> to be used mainly for the buildings, windows of ships, furniture and the like.

Note (1) The laminated glass is that of which two or more material plate glasses have been bonded with entire surfaces by inserting the intermediate membrane, and in case of fracture due to an external force, the larger part of the fragments has been so made as not being scattered. The classes of the material plate glass are given in clause 6. The intermediate membrane is a layer of synthetic resin which interposes between the material plate glasses for the purpose of bonding both together.

Remarks : The International Standards corresponding to this Standard are as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

ISO 12543-1:1998 *Glass in building—Laminated glass and laminated safety glass—Part 1: Definitions and description of component parts* (MOD)

ISO 12543-3:1998 *Glass in building—Laminated glass and laminated safety glass—Part 3: Laminated glass* (MOD)

ISO 12543-4:1998 *Glass in building—Laminated glass and laminated safety glass—Part 4: Test methods for durability* (MOD)

ISO 12543-5:1998 *Glass in building—Laminated glass and laminated safety glass—Part 5: Dimensions and edge finishing* (MOD)

ISO 12543-6:1998 *Glass in building—Laminated glass and laminated safety glass—Part 6: Appearance* (MOD)