

JIS

JAPANESE INDUSTRIAL STANDARD

**Glass Wool Isolating Material
for Floating Floors**

JIS A 6322—1979

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

JAPANESE INDUSTRIAL STANDARD

J I S

Glass Wool Isolating Material for
Floating FloorsA 6322-1979
(Reaffirmed: 1983)1. Scope

This Japanese Industrial Standard specifies the glass wool isolating materials for floating floors used for floating floor structures⁽¹⁾ mainly for the purpose of isolating floor shock sounds in buildings and mechanical vibrations in architectural equipment, hereinafter referred to as the "glass wool isolating materials".

Note (1) The floating floor structure means a structure which isolates vibrations by inserting shock absorbing material between the floor or wall as the body structure and the floating floor to prevent the occurrence of a sound bridge therebetween.

2. Classification

Glass wool isolating materials shall be classified into the following three classes according to their static spring constant.

Glass wool isolating material Class 1

Glass wool isolating material Class 2

Glass wool isolating material Class 3

3. Method of Manufacture

Glass wool isolating materials shall be manufactured by forming the glass wool specified in JIS A 9505 as the material into plates by using a thermosetting resin as the adhesive, in some cases with a suitable covering applied.

Applicable Standard:

JIS A 9505-Heat Insulator Made of Glass Wool.

2
A 6322-1979

4. Dimensions and Density

4.1 The length and width of glass wool isolating materials and the permissible deviation thereto shall be as shown in Table 1.

Table 1

Unit: mm

Length and width	Permissible deviation	
	Length	Width
900 x 600		
1000 x 1000	+15 - 3	+ 5 - 3
1800 x 900		

Remark: Provisionally, dimensions 600 mm, 900 mm, and 1800 mm may be read respectively as 605 mm, 910 mm, and 1820 mm.

4.2 The thickness of glass wool isolating materials and the permissible deviation thereto shall be as shown in Table 2.

Table 2

Unit: mm

Thickness	Permissible deviation
12 ⁽²⁾	± 2
20	
25	

Note (2) Products of 12 mm thickness shall be used in two layers.

4.3 The range of density for the respective classes of glass wool isolating material shall be as shown in Table 3.

Table 3

Unit: kg/m³

Class	Density
Glass wool isolating material	Class 1 45 min.
	Class 2 60 min.
	Class 3 80 min.