

JIS

JAPANESE INDUSTRIAL STANDARD

Glassfiber reinforced plastic corrugated sheets

☞ JIS A 5701—1995

Translated and Published

by

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



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Glassfiber reinforced plastic
corrugated sheets

A 5701-1995

1. **Scope** This Japanese Industrial Standard specifies the glassfiber reinforced plastic corrugated sheets to be mainly used for buildings (hereafter referred to as "corrugated sheets").

Remarks 1. The following standards are cited in this Standard:

JIS A 1321 Testing method for incombustibility of internal finish material and procedure of buildings

JIS K 6919 Liquid unsaturated polyester resin for fiber reinforced plastics

JIS R 3411 Textile glass chopped strand mats

JIS R 3412 Textile glass rovings

2. The units and numerical values given in { } in this Standard are in accordance with the traditional unit system, and are appended for informative reference.

2. **Classification** The corrugated sheets shall be classified into the following (1) and (2) according to the content of glassfiber and its shape:

(1) **Classification according to the content of glassfiber** The corrugated sheet shall be classified as shown in Table 1 according to the content of glassfiber in the mass of product.

Table 1. Classification according to the content of glassfiber

Classification	Content of glassfiber in the mass of product (mass %)	Resin to be used
52 FS	52 min.	Self-extinguishing
28 FS	28 min.	Self-extinguishing
28 FG	28 min.	For general use
22 FG	22 min.	For general use

Remarks: For 52 FS an inorganic filling material may be used in place of glassfiber.

In this case, its amount shall not exceed 40 % of glassfiber.

(2) **Classification according to shape**

32 corrugation :	Pitch size	about 32 mm
63 corrugation :	Pitch size	about 63 mm
76 corrugation :	Pitch size	about 76 mm
130 corrugation :	Pitch size	about 130 mm



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