

SINTEF Product Certificate

Nr. 1282

Issued: 12.03.2008

Revised: 17.12.2020

Valid until: 01.10.2023

Provided listed on

www.sintefcertification.no

SINTEF confirms that

Laminated safety glass with resistance against manual attack

complies with the requirements in

EN 14449:2005, clause 4.3.2.6



SI-Glass AS
Nesøyra 15
NO 4208 Saudasjøen, Norway

Manufacturer

SI-Glass AS
Nesøyra 15
NO 4208 Saudasjøen, Norway

The product is produced at the factory in Saudasjøen in Norway, as specified in the evaluation report dated 07.05.2020.

Factory production control

The manufacturing of the products is subject to factory production control in accordance with the provisions in EN ISO/IEC 17065.

Product description

Safety glass is made of two or more layers of glass that are connected to one or more layers of polyvinyl butyral (PVB) plastic wrap. The binding is done using high temperature (130-145 °C) and pressure (12 bar) in an autoclave. The adhesion between glass and foil is very good. When the glass is shattered, the foil holds the pieces of glass together.

Performance requirements

Burglar resistance

Insurance companies requires burglary protection for some types of business activities. Burglary-inhibiting glass may also be applicable in private homes, not only to ensure material values, but to increase the safety of residents.

The certificate only covers the burglar resistance of the products. Burglar resistance has been determined according to EN 14449:2005 clause 4.3.2.6. The products have been classified according to EN 356.

Glass types and classification

The following glass types are covered by this certificate:

Glass type	Class, EN 356
Innbruddshemmende P6B	P6B
Innbruddshemmende P7B	P7B
Innbruddshemmende P7B	P8B

Other requirements

Marking

The safety glass shall be marked with a stick-on label with information of, among other factors, type, size, numbers, manufacturing date, and CE mark with reference to EN 14449.

In addition, the products may be marked with the SINTEF certification mark. The mark may also be used on packaging and marketing materials concerning the certified product.



Steinar K. Nilsen
Certification Manager

