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BS EN 1279-6:2002 Glass in building. Insulating glass units. Part 6: Factory production control and periodic tests

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Abbreviation

BS EN 1279-6:2002

Valid from

12/07/2002

Information provider

Standards New Zealand

Author

British Standards Institution

Information type

British Standard

Format

PDF

Cited By

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Description

This European Standard, the product standard for insulating glass units, defines insulating glass units and ensures by means of an adequate evaluation of conformity to this standard that over time:

- energy savings are made because the U-value and solar factor do not change significantly
- health is preserved because sound reduction and vision do not change significantly
- safety is provided because mechanical resistance does not change significantly.

It covers additional characteristics that are of importance for trade. Marking conditions are also included.

The main intended uses of the insulating glass units are installations in buildings and construction such as in windows, doors, curtain walling, roofs and partitions where there exists protection against direct ultraviolet radiation at the edges.

This standard also covers the routine factory production control, the periodic testing and inspection and fogging test to verify that production conforms to the system description.

BS EN 1279-6:2002 is the product standard for insulating glass units, which defines insulating glass units, and ensures by means of an adequate evaluation of conformity to this standard that over time:

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For glass products with electrical wiring or connections for e.g. alarm or heating purposes, this standard covers only wiring subject for electrical potential difference to earth less than 50 V a.c. or less than 75 V d.c.

The main intended uses of the insulating glass units are installations in buildings and constructions such as in windows, doors, curtain walling, roofs and partitions where there exists protection against direct ultraviolet radiation at the edges.

Contents include:

- terms and definitions
- quality assurance and factory production control
- factory production control requirements
- handling, storage, packaging and delivery
- training of personnel
- inspection and testing tables of insulating glass units
- periodic testing and inspections
- fogging test
- two component sealants, check on the thoroughness of mixing
- sealants, hardness measurements
- seals, adherence measurements
- volatile test
- tightness check of hollow spacer closed by welding on the back
- adhesion test for leaded light strip desiccant, adsorption capacity check.

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