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BS EN 1279-3:2002 Glass in building. Insulating glass units. Part 3: Long term test method and requirements for gas leakage rate and for gas concentration tolerances

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Abbreviation

BS EN 1279-3:2002

Valid from

08/01/2003

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 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:

- 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 windows, doors, curtain walling, roofs and partitions where there exists protection against direct ultraviolet radiation at the edges.

BS EN 1279-3:2002, which is inextricably bound up with the other parts of the standard, covers the gas leakage rate by testing and the gas concentration tolerances as one means of verifying whether a product made in accordance with its system description conforms with the relevant aspects of the definition of insulating glass units.

It includes:

- gas leakage rate by testing
- gas concentration tolerances

- edge seal strength
- moisture penetration index
- climate exposure.

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