

GGF Datasheet: Channel Shaped Glass - Annealed - Wired and Unwired

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Contents

Introduction

1. Scope

2. Definitions and Description

3. Dimensional Requirements

4. Appearance

5. Harmonised standards for CE marking

Annex

A1 Examples of wired channel shaped glass

A2 Sandblasted channel shaped glass

A3 Safety performance of wired channel shaped glass

Bibliography

Introduction

This part of the GGF Data Sheet 4.6 series gives extra information, over and above GGF Data Sheet 4.6.1 on annealed wired or unwired channel shaped glass.

1. Scope

This GGF Data Sheet concentrated on the specifics of annealed wired or unwired channel shaped glass.

It gives details of methods of determining faults with the wired product. Acceptance levels for the annealed products are given.

2. Definitions and Descriptions

For the purpose of this GGF Data Sheet the definition contained within 4.6.1 and the following apply:

2.1 Patterned channel shaped glass

Channel shaped glass with a pattern on the web surface.

NOTE: A number of different patterns are available. See manufacturer's information.

2.2 Tinted channel shaped glass

Channel shaped glass manufactured from body tinted or white glass.

2.3 Wired channel shaped glass

Number of wires varies from 7 to 16 depending on glass type and channel width (see Annex A1 for examples)

2.4 Wire description

The wire used for wired channel shaped glass is stainless steel. The diameter of the wire should be between 0.3 mm and 0.7 mm.

2.5 Wire fault

Deviation of the wire resulting in penetration of the glass surface by the wire or break in the wire in the body of the glass

2.6 Deviation of the wire

Deviation, y , of the wire relative to a reference such as a line or straight edge. [see figure 1]

2.7 Wire inlay

The relationship between the width of the wire inlay, in the web, and the width, B , of the web.

2.8 Sandblasted channel shaped glass

This is channel shaped glass where the web, inner surface, has been sandblasted to modify the transparency of the channel shaped glass.

(see Annex A2)