



GREEN CAST® TEN YEARS GUARANTEE

Madreperla S.p.A guarantees that all sheets produced with the Green Cast® brand name, thickness from 3mm to 25mm, retain virtually all their characteristics after 10 years exposure to weather.

The guarantee covers:

- light transmission
- rigidity
- tensile strength

GREEN CAST® – 71000 CLEAR

1. Retention of light transmission

Measurements of light transmission are based on ISO 13468 – 1 on samples with a nominal thickness of 3mm.

- Green Cast® 71000 – minimum guaranteed on delivery: 90%
- Green Cast® 71000 – minimum guaranteed 10 years: 88%

2. Retention of rigidity

The elasticity deflection module is measured based in ISO 178 on samples that have been conditioned at 23°C and at 50% relative humidity.

- Green Cast® 71000 – minimum guaranteed on delivery: 3000 MPa
- Green Cast® 71000 – minimum guaranteed 10 years: 2800 MPa

3. Retention of tensile strength

The tensile strength at break is measured based on ISO 527 on samples that have been conditioned at 23°C and at 50% relative humidity.

- Green Cast® 71000 – minimum guaranteed on delivery: 65 MPa
- Green Cast® 71000 – minimum guaranteed 10 years: 60 MPa

The samples used for the tests must have clean, smooth surfaces and edges. The thickness has to be adequate for the standard norm used.

Guarantee period

This 10 year guarantee is valid from the date certified by the commercial invoice.

Application of the guarantee

This guarantee is limited to the substitution of the supplied material. Any other costs, like transformation, installation, control or others are excluded. The guarantee is limited to free replacement of the sheets.

This guarantee is not operational if:

- The application envisages contact of the sheets with products that are aggressive for PMMA
- The sheets have been installed in polluting or corrosive environments
- The sheets have undergone post-machining procedures which are unsuitable for the material and not adequate for the application.

Guarantee conditions

Cast Acrylic sheets produced by Madreperla S.p.A should be transported, handled, machined, treated, stored and installed in accordance with the producer's instructions.

Please refer to our technical documents.

Others

For Green Cast® neutral and transparent colors sheets, the retention of rigidity and tensile strength are guaranteed in accordance to paragraphs 2. And 3.

The light transmission and color are not covered by this guarantee.

The client has to be aware of the instructions regarding the correct storage and post-machining of the sheets.

The client may request the relevant information and documents from our technical/commercial offices and from our authorised distributors.