

## TEN-YEAR GUARANTEE ON OROGLAS™ CAST & BLOCKS

**Trinseo guarantees that the OROGLAS™ Cast and Blocks clear products of any thickness up to 90 mm retain virtually all their characteristics after 10 years exposure to weather.**

**This guarantee covers:**

- The light transmission
- The rigidity
- The tensile strength

### RETENTION OF LIGHT TRANSMISSION

Measurements are based on the ASTM D1003 Standard. They are taken on 2 mm thick samples whose surfaces have been thoroughly cleaned and re-polished. The light transmission values have been taken initially and after a 10-year period as follows:

OROGLAS™ Cast 800 00000 and Blocks 860 100000 - minimum guaranteed on delivery: 90%

OROGLAS™ Cast 800 00000 and Blocks 860 100000 - minimum guaranteed after a 10-year period: 88%

### RETENTION OF RIGIDITY

The modulus of elasticity is measured in accordance with the ISO 178 standard on 1 to 4 mm parallel-faced samples that have been conditioned at 23°C and at 50% relative humidity.

OROGLAS™ Cast 800 00000 and Blocks 860 100000 - minimum guaranteed on delivery: 3000 MPa.

OROGLAS™ Cast 800 00000 and Blocks 860 100000 - minimum guaranteed after a 10-year period: 2800 MPa.

## TEN YEAR GUARANTEE ON OROGLAS™ ON CAST & BLOCKS

### RETENTION OF TENSILE STRENGTH

The tensile strength at break is measured in accordance with the ISO 527 standard on 1 to 4 mm parallel-faced samples at 23°C and at 50% relative humidity.

OROGLAS™ Cast 800 00000 and Blocks 860 100000 - minimum guaranteed on delivery: 65 Mpa.

OROGLAS™ Cast 800 00000 and Blocks 860 100000 - minimum guaranteed after a 10-year period: 60 MPa.

### GUARANTEE CONDITIONS

The OROGLAS™ Cast and OROGLAS™ Blocks should be stored, handled, transported, machined and installed in accordance with the manufacturer's instructions. Fastening and sealing sheets together should be carried out in such a matter so as not to have any negative impact on the sheets. The sheets should not be exposed to the harmful effects of chemical agents. Please refer to our Technical Brochure for details of finishing operations and chemical resistance.

### GUARANTEE PERIOD

This 10-year guarantee takes effect from the date on which the material is received by the customer.

### APPLICATION OF THE GUARANTEE

This guarantee applies if damage occurs within the conditions stated above and if that damage is notified to the stockiest within the guarantee period. This guarantee is limited to the free replacement of the OROGLAS™ Cast and OROGLAS™ Blocks products only.

### GENERAL NOTES

For OROGLAS™ Cast and OROGLAS™ Blocks “smoked” or “transparent colours”, the retention of rigidity and tensile strength are guaranteed in accordance with paragraphs above. However, light transmission and colour are not covered within this guarantee. All guaranteed values are measured on machined samples taken from a parallel-faced material. The values cannot be measured precisely on products whose edges are not straight. The guarantee is no longer valid if screen-printing is applied or aggressive chemicals are used for surface treatment.

**trinseo.com**

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