

CONTURAN® BOROFLOAT®: Optimal Transmission

Outstanding optical properties meet excellent resilience

The glass for special challenges – CONTURAN® BOROFLOAT®

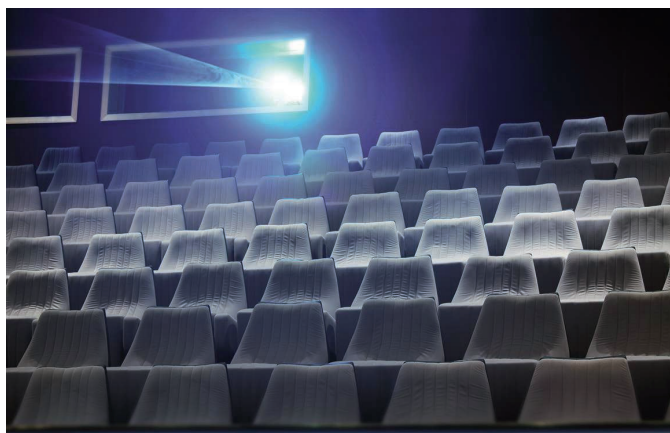
CONTURAN® on BOROFLOAT® results in an unbeatable duo. The perfect combination of a base glass with particularly strong properties and an optical interference anti-reflective dip coating for a reflection-free view. Due to the high transmission and the highest color fidelity, supplemented by a high thermal and chemical resistance, a glass for a special challenge is created.

The base substrate

BOROFLOAT® 33 is the world's first floated borosilicate flat glass. In addition to its excellent mechanical and chemical resistance, it impresses with its outstanding thermal resistance and exceptionally high transparency.

The coating

The anti-reflective coating, applied in a special sol-gel dipping method, is made up of several nanometer thin metal oxide coating layers, which reduces disturbing residual reflections by more than 90% to less than 1% and guarantee an outstanding transmission of over 99%.



Benefits at a glance

- Best transmission for challenging applications
- Highest thermal, mechanical and chemical resistance
- Reduced reflections by more than 90% to less than 1%
- Long-lasting anti-reflective coating
- High color fidelity

Applications

- Lighting technology
- Imaging equipment

Specification CONTURAN® BOROFLOAT®

Available dimension	1,770 mm x 1,120 mm
Thickness	2.75 mm / 3.3 mm / 5 mm
Visible light transmission	~ 99 %
Visible light reflection	< 1 %

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glass made of ideas