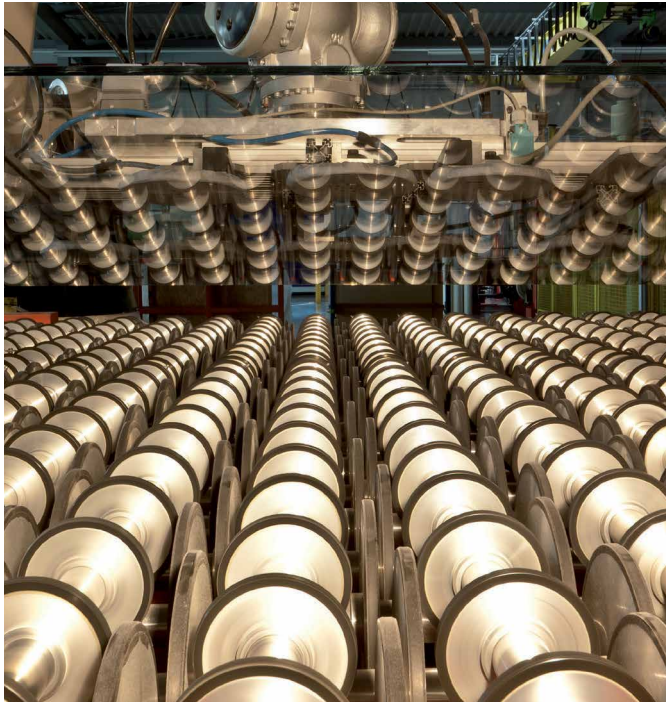


BOROFLOAT® 33 – General Information

The sum of its properties is what makes it unique.

BOROFLOAT® 33 from Germany is the world’s first floated borosilicate flat glass. It combines superior quality and excellent flatness with outstanding thermal, optical, chemical and mechanical features. The chemical composition and physical properties of BOROFLOAT® 33 are in accordance with DIN ISO 3585 and EN 1748 T1. Rediscover BOROFLOAT® 33 and experience the infinite potential of our most versatile material platform. BOROFLOAT® – Inspiration through Quality.

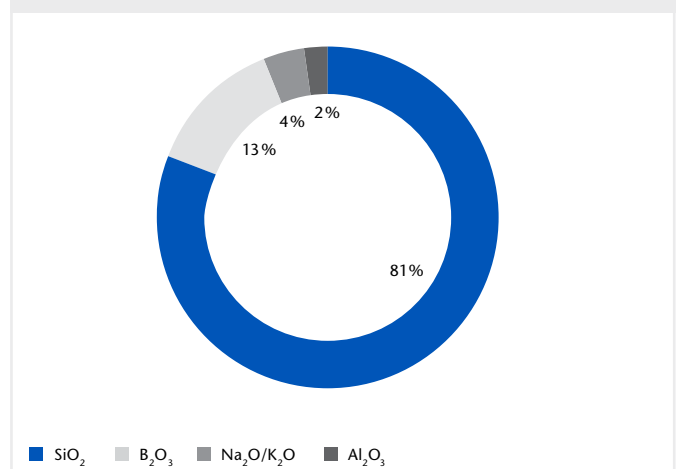


The world’s first floated Borosilicate Glass – Made in Germany with IQ.

Key benefits:

- Outstanding thermal resistance
- Exceptionally high transparency
- High chemical durability
- Excellent mechanical strength

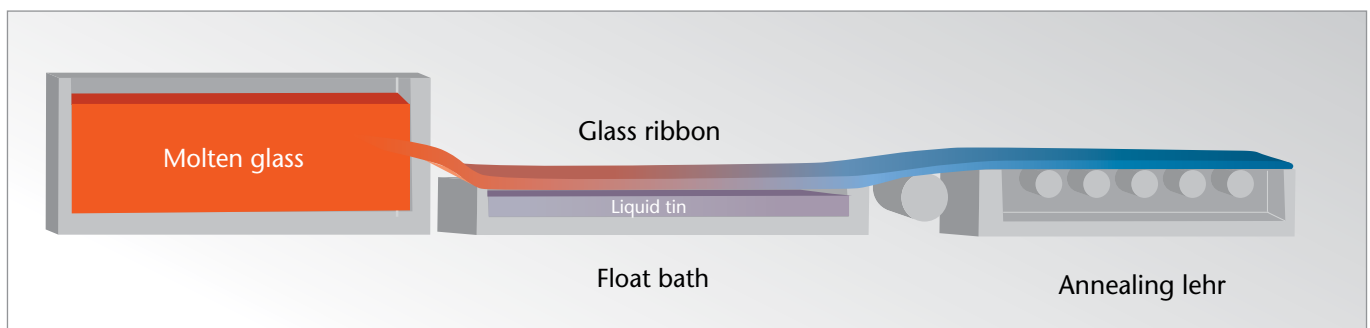
Chemical composition



Chemical components of BOROFLOAT® 33.

Production in the Microfloat Process

SCHOTT manufactures BOROFLOAT® 33 using proprietary, state-of-the-art Microfloat technology. The Microfloat process delivers highly homogeneous glass quality with a mirror-like surface, excellent flatness and outstanding optical properties.



BOROFLOAT® 33 is produced using SCHOTT’s unique Microfloat process.



Forms supplied

BOROFLOAT® 33 is available in the following standard thicknesses and tolerances:

Standard thicknesses	
Thickness (mm)	Tolerance (mm)
0.70	± 0.05
1.10	± 0.05
1.75	± 0.05
2.00	± 0.05
2.25	± 0.05
2.75	± 0.10
3.30	± 0.20
3.80	± 0.20
5.00	± 0.20
5.50	± 0.20
6.50	± 0.20
7.50	± 0.30
9.00	± 0.30
11.00	± 0.30
13.00	± 0.30
15.00	± 0.40
16.00	± 0.50
18.00	± 0.50
19.00	± 0.50
20.00	± 0.70
21.00	± 0.70
25.40	± 1.00

Panel thickness is continuously measured during production using laser thickness measuring equipment. Further thicknesses and tolerances are available on request.

Processing and finishing

BOROFLOAT® 33 is also available in a broad range of cut-to-size formats (cut from standard BOROFLOAT® sheet sizes) and with various processing and finishing options to meet our customer's specification requirements. Further information regarding cut-to-size solutions, including processing options and associated tolerances, is available on request.

Cleaning

BOROFLOAT® 33 sheets can be cleaned using any commercially available glass cleaner. Note: Under no circumstances should abrasive sponges, scouring powders or other corrosive or abrasive cleaners be used, as these can cause damage to the surface of the borosilicate glass.

Recommended storage

BOROFLOAT® 33 should be stored in the original packaging protected from moisture and other environmental influences.

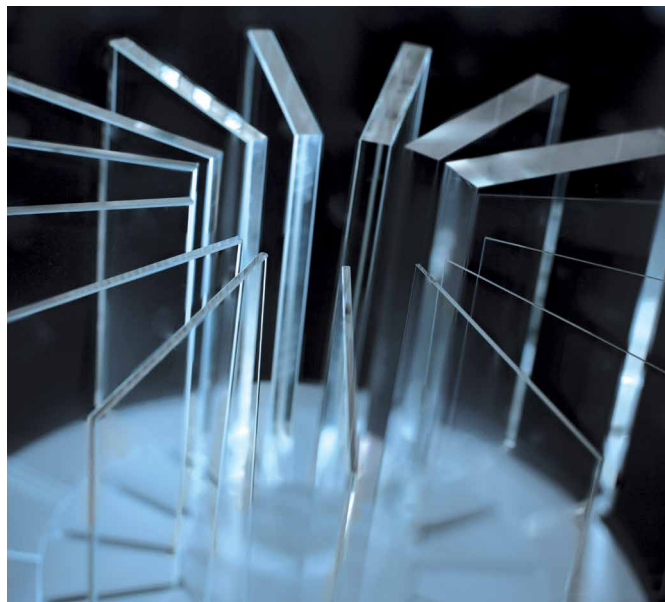
Further data and information available on request.

Sizes

BOROFLOAT® 33 is available in the following standard sizes:

Standard sizes	
Size	Thickness
1,150 x 850 mm	0.7 – 25.4 mm
1,700 x 1,300 mm	16.0 – 21.0 mm
2,300 x 1,700 mm	0.7 – 15.0 mm

Standard sizes of BOROFLOAT® 33.



BOROFLOAT® 33 is available in broad range of thicknesses.

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SCHOTT
glass made of ideas