

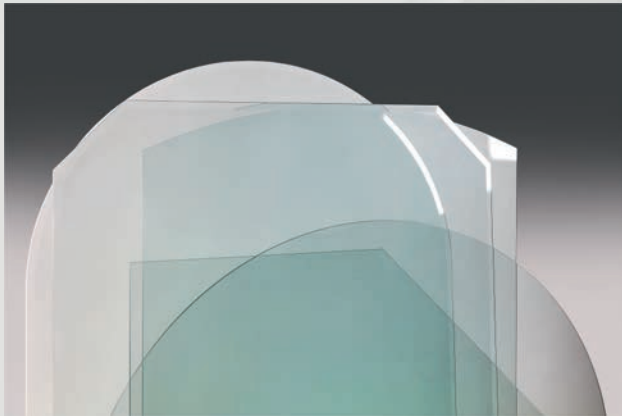
# Bottom plates METHERM®

made of single safety glass

**MENNES**  
SPEZIALGLAS & KUNSTSTOFFTECHNIK

MERAX®  
BORAN®  
BORIL®  
BOSIL®  
MEFLOAT®  
METHERM®  
KeraLasTec®

■ **impact-resistant ~ temperature-resistant ~ attractive**



Bottom plates METHERM® by MENNES GmbH will be produced according to EN 12150 and reflect the following advantages:

- a strength impact resistance and a high compressive strength compared to the normal float glass
- thermal shock resistance up to 150 K
- pressure resistance up to 900 N/mm<sup>2</sup>

Bottom plates made of single safety glass are available in the standard thickness of 6 or 8 mm. Further requirements are possible on demand.

Special requirements, like colour, printing or for example your company logo and a special packing can be realized by us.



We are certified according to DIN EN ISO 9001  
**Technical details and sizes you find overleaf.**



Maximum operating temperatures short-term usage:

300 °C

long-term usage:

200 °C

Resistance to thermal differences:

150 K

Thermal properties:

0,8 W (m · K)

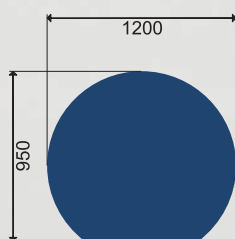
Coefficient of mean linear thermal expansion

$\alpha (20-300\text{ °C}) = 9 \cdot 10^{-6} \text{ K}^{-1}$

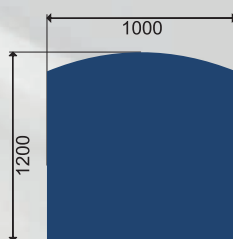
Pressure strength:

700 - 900 N/mm<sup>2</sup>

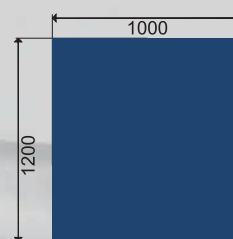
circle cut



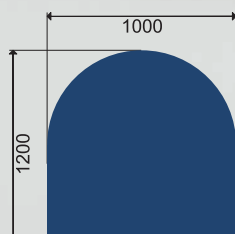
segmental arch



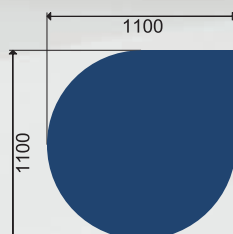
rectangle



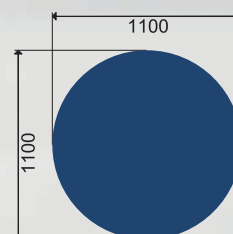
semi circular arch



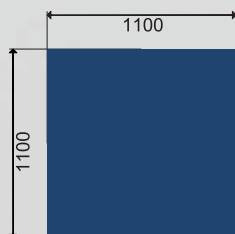
drop shape



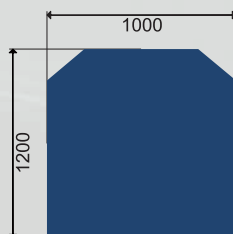
circle



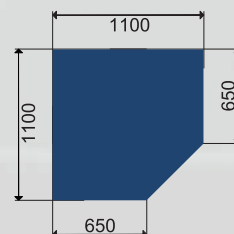
square



hexagon



pentagon



Special forms and sizes are possible according to your requirements. We supply bottom plates also in green, grey or sandblasted.  
Our standard edge treatment is C-ground. By request a facet ground can be fixed.

Mennes GmbH

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