

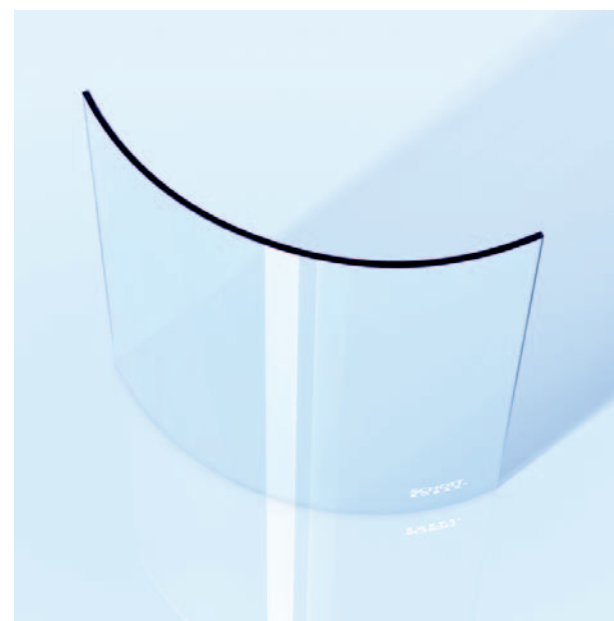
## ROBAX® Energy Plus

### The global innovation at a glance

The power package for your fireplace: ROBAX® Energy Plus is the first glass ceramic fireplace panel with a heat reflecting coating, available in its flat version as well as in rounded forms for the first time. This revolutionary advantage is an energy friendly fireplace: While visible light can easily pass through the panel, some of the heat radiation is reflected back into the combustion chamber. This can result in a noticeable plus when it comes to stored heat – ROBAX® Energy Plus.

### Further product benefits

- Due to the innovative construction, up to 35 % of the heat radiation is reflected back into the combustion chamber. The result: the energy radiation passing through the panel is reduced and the temperature in the combustion chamber is significantly increased. The extra energy gained can, for example, be used for more efficient heating water conduits or as additional stored energy. Its advantage: more optimal use of the heat energy in the wood reduces heating costs.
- With the highest respect for the environment: the higher temperature in the combustion chamber generally leads to better combustion and therefore lower emission values.
- Even when the heat runs high, ROBAX® Energy Plus is resistant to high temperatures. The temperature resistance is approximately 650 °C. The efficiency of the coating is maintained over time.
- ROBAX® Energy Plus inspires confidence with a homogeneous and attractive bluish shimmering look which integrates into any home design.
- The coating can result in less soiling on the panel, specifically due to soot, which makes cleaning the glass ceramic distinctly easier.
- ROBAX® Energy Plus makes heating with fire safer. The reduced radiation means that the installation area is heated more pleasantly and evenly. Also, the floor temperature in front of the heating appliance remains lower. This means that furniture can be placed closer to the visible area of the appliance thus offering increased enjoyment of the fire experience.
- It also provides safety: the SCHOTT application technology laboratory guarantees comprehensive application servicing.



### Technical data

Glass thickness	4 and 5 mm
Maximum usable area	1,914 mm x 1,060 mm
Versions	Rounded (dimensions upon request), flat
Temperature resistance	650 °C
Effect of the coating	Additional stored heat, better combustion, lower emission values, less soiling of the panel, safer heating*

*\* All the above effects depend to a large degree on how the design of the particular stove and how it is used. For this reason, we strongly recommend that ROBAX® Energy Plus be tested for whether it produces the required effect before any serial production is undertaken.*

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