

Warm & safe

Transparent glass ceramic for fireplaces and stoves



SCHOTT
ROBAX®

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The magic of fire

When we look into a fire, we are captivated by its dancing flames full of imagery, passion and energy.

People have always been fascinated by the red embers and elemental force of fire. A couple lying together in front of a romantic fireplace fire. Telling interesting tales around a huge campfire. Or simply holding one's cold hands over the flames.

Whenever a fire is burning, hardly anything else really matters to us. We allow our minds to wander, give in to our dreams or talk about everything under the sun. A fireplace or stove brings that special feeling of a flickering and crackling campfire inside our own four walls. It radiates soothing warmth and primordial coziness.





Warm ...

A blazing and flickering fire immediately warms our hearts.

No question: There is something very special about a blazing outdoor campfire. But, when it comes to our own four walls at home, safety, as well as thermo-technical and esthetic aspects, are extremely important.

Regardless of whether it's functionality, a sense of security, design or luxury you're looking for, the wide variety of transparent ROBAX® glass products that SCHOTT offers can easily keep up with the creative ideas of fireplace builders.

This is why ROBAX® has been representing the phrase warm & safe for over 30 years. It means that ROBAX® fireplace viewing panels guarantee genuine fire enjoyment and complete protection. They enable the best possible viewing and physical closeness to a fire, yet offer reliable protection from being hit by a spark.

... & safe

We all seek safety, when the sparks begin to fly.

ROBAX® glass ceramic is extremely heat resistant, robust, and features an incredibly low coefficient of thermal expansion. These panes even stand up to incredibly high temperatures of up to 760 °C (1400 °F) for a short time, as well as considerable shifts in temperature and shocks.

These exact characteristics, temperature stability, transparency, heat transmission and a long lifespan, are advantages that enable ROBAX® to offer the best possible protection from the dangers of a fire – especially compared to conventional flat glass.

The ROBAX® brand is the embodiment of futuristic fireplace viewing panels. Always processed with great care and engineered in Germany to be long lasting and offer the highest quality.



"Beneficent is fire's strong might, when man subdues and watches it."

Friedrich von Schiller



The natural way to heat

Fireplaces have a rich history. And hold significant potential for the future.

Ensuring proper heating is a great way to start feeling comfortable at home all year. Because fossil fuels, like petroleum, gas and coal, are becoming increasingly scarce, there is a real need to look for alternatives. Alternatives that many people are already benefiting from. But also, inexpensive and efficient.

For this reason, more and more people are interested in having a fireplace or stove (we'll be referring to fireplaces as of here), in order to feel more comfortable at home. But, at the same time, to heat their homes in a more cost effective and environmentally conscious way.



By choosing to heat with wood, people make themselves independent of the increasing energy costs that the major oil and gas companies are charging. But, a closed stove is really what is needed to heat most effectively.

With a viewing panel made of SCHOTT ROBAX®, fireplaces look great and emit the maximum amount of radiated heat.

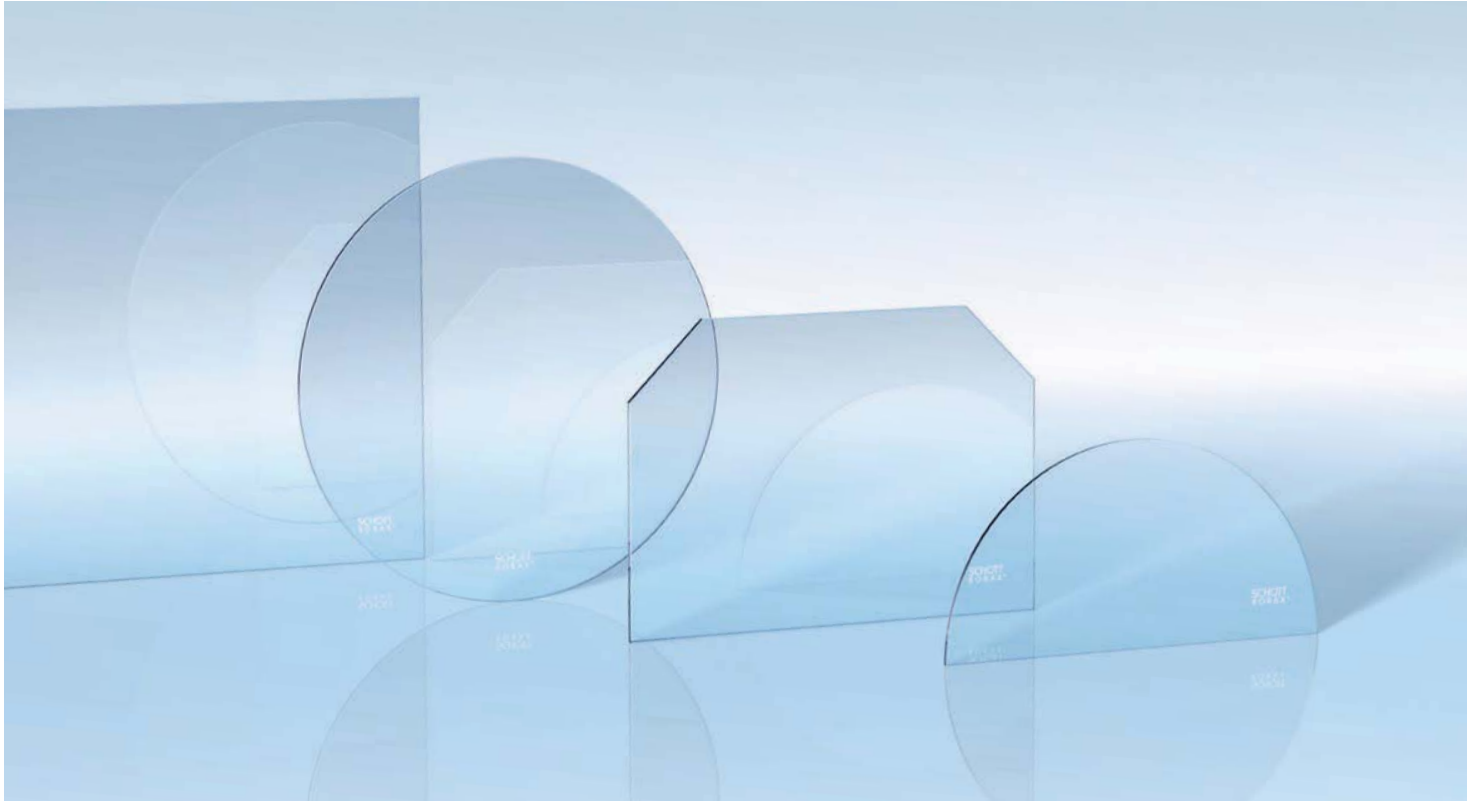
“One must never allow the fire to go out in one’s soul, but must keep it burning.”

Vincent van Gogh

Wood is a renewable raw material. Heating with wood is less invasive to the environment.

A fireplace emits warmth – and saves energy.





Flat ROBAX® Panels

The intrinsic values are really what counts

A fireplace offers the greatest possible benefit when it heats up an entire room evenly and combustion can be regulated.

Fireplaces that feature SCHOTT ROBAX® allow for the heat radiation created in the combustion chamber to pass through so that it gradually fills the entire room with pleasant warmth.

Flat ROBAX® panels are also known for the many other advantages they offer. Thanks to their rigorous design, they serve as simple, yet impressive, barriers between the fire and the living room and allow for maximum freedom of design, thanks to the many possible shapes they come in.

High functionality is guaranteed, thanks to the use of special coatings – as in ROBAX® IR – which actually allows for the heat permeability of the fireplace to be reduced.

Functional

- high heat permeability of the panels
- flat panels for increased functionality
- available in sizes of up to 1,954 x 1,100 mm
- thicknesses of either 4 or 5 mm
- a variety of different shapes
- heating with renewable raw materials



*Customized edge processing
and bored holes*



Comfort for every home

The feeling of being safe and secure all alone, or together with a loved one, is rather unique. The ways to achieve it are not.

Feeling safe and secure. Protected and happy. These objectives can be achieved more easily at home than anywhere else. And no place is more pleasant than sitting in front of a crackling fireplace fire. This is the place to spend romantic moments together, peacefully enjoy a glass of red wine or relax and exchange the latest stories and happenings with family and friends.

Especially when sitting in front of a fire together, having a clear panoramic view is extremely important. This is where SCHOTT ROBAX® sets new standards. Shaped fireplace panels invite people to sit close to the fireplace – and yet provide a clear view of the fire. A campfire feeling that lets people experience the flames even more. With all of their senses and full of emotions.



*"We humans are always longing.
And the main goal of our longing is to feel
safe and secure."*

Rainer Kaune



*An ideal design:
Shaped glass ceramic
panels made of ROBAX®
that offer a panoramic
view.*



*Simply lift up the
foil to enjoy the fire
from all sides!*