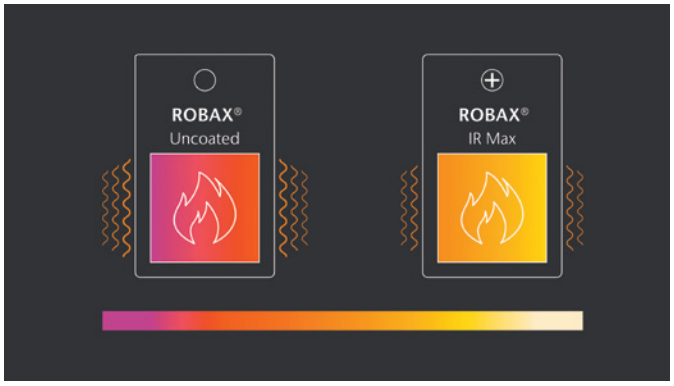
ROBAX® IR Max

The glass-ceramic panel with our efficient heat-reflective coating



Effect of the IR Max coating on the combustion chamber temperature and radiated heat.

Fire-viewing panel with heat-reflective coating IR Max

Technical Data	
Maximum panel size	1,914 x 1,060 mm
Glass thickness	4 and 5 mm
Recommended application	Wood, pellet and gas fireplaces
Effect of coating	Reflects more heat back into the combustion chamber than uncoated ROBAX® (for further benefits of the coating please see backside of this data sheet)
Installation	Coated side facing away from fire
Color impression of coating	In reflection bluish and slightly mirrored
Shape	Flat cut-to-size and jumbo sheets
Surface structure	Both sides smooth
Decoration	No
Cleaning	Uncoated side: SCHOTT ROBAX® Dry Wiper Coated side: soft cloth and standard glass cleaner

Thermal Characteristics	
Temperature resistance (glass-ceramic substrate with IR Max coating)	Up to 550 °C (1,022 °F) = 1,000 hours

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Key benefits of ROBAX® IR Max

- Elevated temperatures in the combustion chamber possible
- Due to higher temperatures in the combustion chamber, higher combustion efficiency possible. The resulting higher thermal energy can also be used.
- Reduction of emissions possible
- Reduction of the temperature outside of the combustion chamber
- No overheating of the room
- Reduction of floor temperature in front of the fireplace
- Less cleaning possible due to reduced soot deposits on the fire-viewing panel
- Constant performance of the coating (when used according to our recommendations) over the entire life cycle of the fireplace.

The effects mentioned here are largely dependent on the design of the respective fireplace and the usage habits. We therefore strongly recommend to test whether ROBAX® IR Max can achieve the desired result before committing to serial production. SCHOTT ROBAX® offers comprehensive application services. **Please contact us.**

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