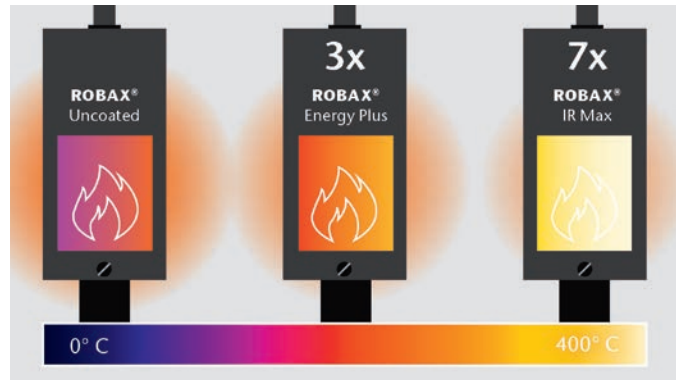


# ROBAX® IR Max

Our best heat-reflective coating



Fire viewing panels with heat-reflective coating IR Max



Cumulative reflection of heat radiation for a wavelength range of 800 to 8,000 nm

Technical Data	
Maximum usable area	1,914 x 1,060 mm
Glass thickness	4 and 5 mm
Recommended application	Wood and gas fireplaces
Effect of coating	Reflects up to seven times more heat than uncoated ROBAX®, improved combustion, additional storage energy, reduced emissions, less soot on panel, safe heating, no overheating of room in well insulated houses
Reflection	35-45 % (for the wavelength of 3,500 nm)
Coated side	Facing away from fire
Color impression of coating	In reflection bluish and slightly mirrored
Shapes	Flat cut-to-size and random sheets
Surface structure	Both sides smooth
Decoration	On request
Cleaning	Uncoated side: SCHOTT ROBAX® Dry Wiper Coated side: soft cloth

Thermal Characteristics	
Temperature resistance	Up to 600 °C (1,112 °F) = 1,000 hours Up to 650 °C (1,202 °F) = 100 hours
Thermal shock resistance	$T_{max} \leq 700 \text{ °C (1,292 °F)}$
Resistance to temperature differences (RTD)	$T_{max} \leq 700 \text{ °C (1,292 °F)}$

Chemical Characteristics	
Acid resistance	min. Class S2 (acc. to DIN 12116)
Alkaline resistance	min. Class A2 (in line with ISO 695)
Hydrolytic class	HGB 1 (acc. to ISO 719)



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SCHOTT AG  
Hattenbergstrasse 10  
55122 Mainz  
Germany  
Phone: +49 (0)6131/66-25431  
info.robax@schott.com

www.schott.com/robax

