

# Technical Data\*

<b>Available thicknesses:</b>
2.0 mm to 12.0 mm

<b>Dimensions:</b>	
<b>Net sizes (length x width)</b>	<b>Tolerance</b>
1,770 mm x 1,220 mm	± 3.0 mm
3,770 mm x 1,770 mm	± 3.0 mm
3,180 mm x 1,770 mm	± 3.0 mm

<b>Tolerance of thickness:</b>		<b>Tolerance of length and width:</b>	
<b>Thickness</b>	<b>Tolerance</b>	<b>Thickness</b>	<b>Tolerance</b>
2.0 mm to 6.0 mm	$\begin{matrix} 0 \\ -0.2 \end{matrix} \text{ mm}$	2.0 mm to 8.0 mm	± 2.0 mm
8.0 mm to 10.0 mm	± 0.2 mm	10.0 mm to 12.0 mm	± 3.0 mm
10.0 mm to 12.0 mm	± 0.3 mm		

\* The technical data listed is only valid for MIRONA™ Float.

## A Simply Magical Glass

MIRONA™ – the silvery, noble-looking metamorphosis glass from SCHOTT



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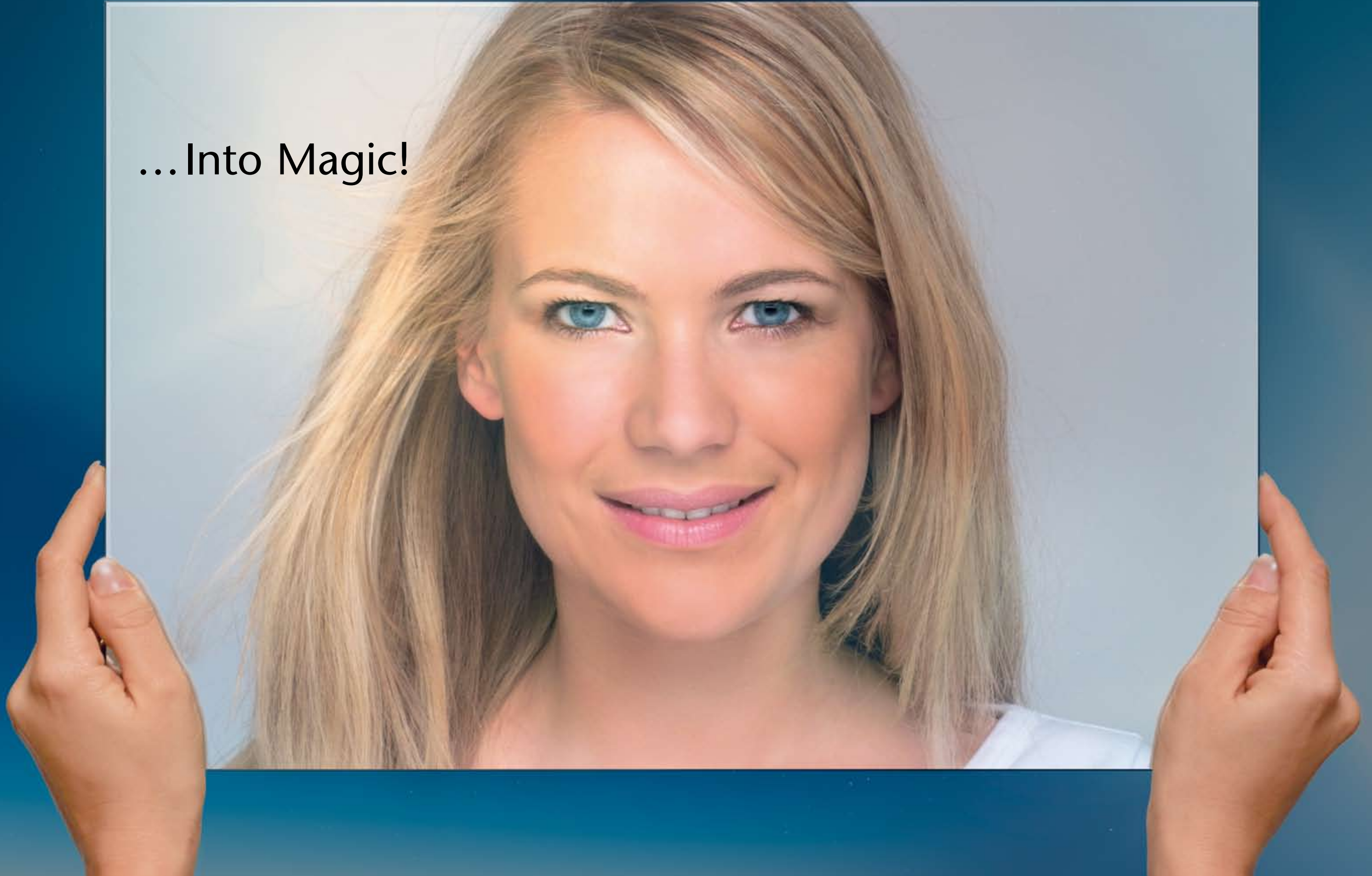
**SCHOTT**  
 glass made of ideas

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 glass made of ideas

Now You Can Turn Transparency...



...Into Magic!



# The Ultimate Attraction

MIRONA™, the silvery, noble-looking metamorphosis glass from SCHOTT, makes the hearts of design enthusiasts and esthetes beat faster. This glass fulfills two different functions and delivers effects that are unbelievable. In front of a light background, MIRONA™ appears as a transparent pane of glass. In front of a dark surface, it acts as a mirror, providing a silvery, esthetic brilliance. As a result, MIRONA™ opens up unlimited fantastic design options.

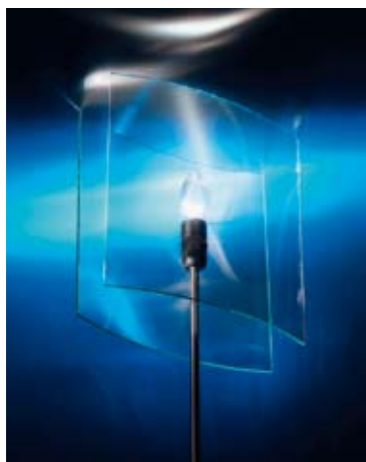
## Fantastic Appearances

MIRONA™ satisfies exclusive design demands in an absolutely ideal way. The transition between a glass and a mirror offers vast potential for creating elegant applications in virtually all conceivable areas. Fantasy knows no boundaries when it comes to architecture, interior design, as well as the entertainment and lighting industries, to name only a few.



## Twice as Striking

Simply imagine how great your television, display case or household appliances would look if they could glitter with a silvery mirror finish when they're not turned on...



Or how fascinating light fixtures would be, if they were capable of producing mysterious mirror effects without any light...

# MIRONA™ Glass Facts

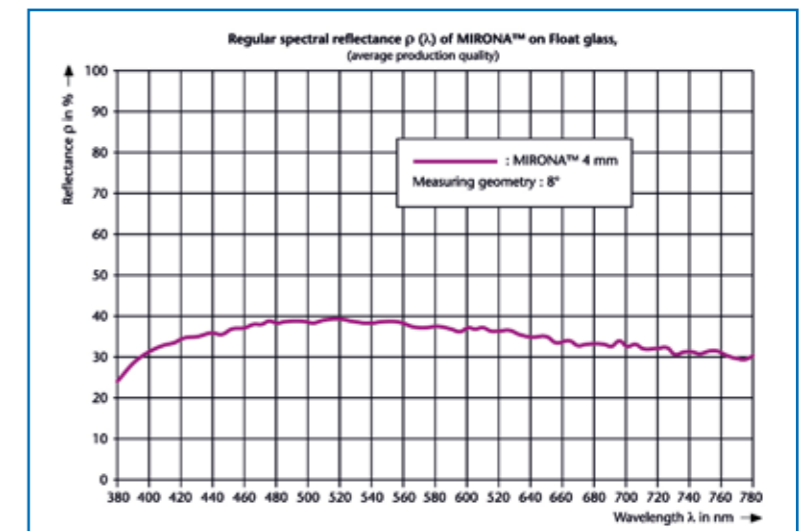
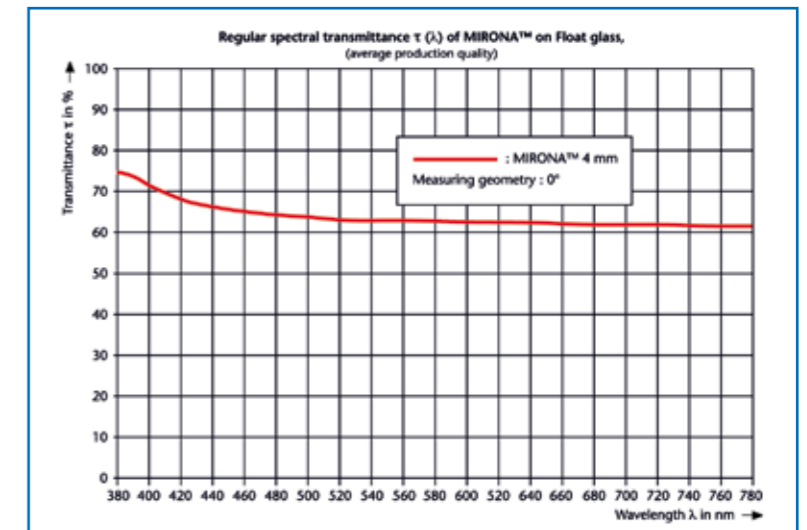
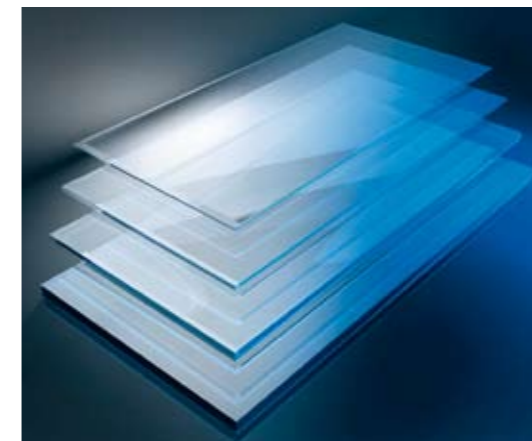
MIRONA™ from SCHOTT is a mineral glass that has been coated on both sides with an optical interference layer to enable a defined reflection and transmission. MIRONA™ is available on float glass, borosilicate glass, as well as gray glass. Upon customer request, MIRONA™ can be delivered with only one side coated, tempered or on white glass (extra clear low iron float glass). It can be cleaned quite easily using a normal glass cleaning agent or a towel that has been moistened with a 1:1 mixture of methylated spirit and water.

## Product Advantages

- homogenous appearance with regard to reflection and transmission
- low absorption losses
- reflects an elegant, silvery color
- available in various types of base glasses
- can be thermally tempered
- can be processed into laminated safety glass
- easy to clean

## Areas of Applications

- consumer electronics, cover panels for use in televisions and data display devices, for example
- architecture, partitions and design elements, for example
- lighting industry, light covers, for example



## Transmittance/Reflectance (example):

Thickness	Luminous transmittance $\tau_{VA}$	Luminous reflectance $\rho_{VA}$
4.0 mm	63 %	35 %
10.0 mm	60 % (calculated value)	35 %

The data listed is only valid for MIRONA™ Float.