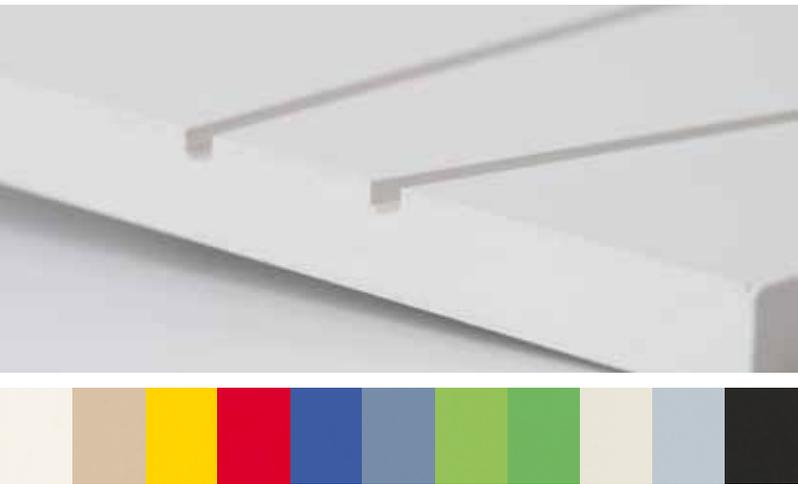# PLEXIGLAS® Mineral
The extremely wheater resistant cladding panel for building shells.

This mineral-filled acrylic material homogeneously colored all the way through can be formed in three dimensions.
It has a special surface and unique reflection behavior, making it the ideal choice for façade panels that need to meet stringent requirements.

PLEXIGLAS® Mineral, a patented innovation from Evonik Röhm GmbH.

The velvety surface of PLEXIGLAS® Mineral combines the potential offered by free organic form-ability with unique light reflection to transform façades into a new and sensual experience.

Evonik. Power to create.

EVONIK
INDUSTRIES

Color and Surface

Color is one of the most distinguishing features of a material. The velvety surface of PLEXIGLAS® Mineral and its special reflective surface unite to provide color that is more brilliant, has a more individual effect and offers durable stability.

Since PLEXIGLAS® Mineral is a façade panel with uniformly casted-in color, it is particularly suitable for individual designs with surfaces routed to different depths, and for creating textured façades. Printed surfaces are also possible.

Economy and Size

PLEXIGLAS® Mineral makes it possible to produce two- or three-dimensionally formed façade sections as well as formed parts for corner, intrados and lintel elements to provide seamlessly matching façade connections. Both rounded and angled corners are possible. At the same time, the use of thermo formed parts reduces the effort for realizing complex connection and joint details, making the façade solution with PLEXIGLAS® Mineral more economical.

PLEXIGLAS® Mineral is offered in different formats and thicknesses, whether thick, thin, large or small. With sheet formats up to 4.2 x 2 m, storey-high façade elements with finished surfaces are no problem. It goes without saying that the material can also be cut to size and prefabricated for your individual façade solution.

Sales Range
PLEXIGLAS® Mineral BV / PLEXIGLAS® Mineral NF

Thickness	8 mm	10 mm	12 mm
Sizes (mm)			
3050 x 2030	●	●	●
4200 x 2030			●
Type of fastening			
visible	●	●	●
invisible		●	●

Typical Values of
PLEXIGLAS® Mineral BV / PLEXIGLAS® Mineral NF

Properties	Unit	PLEXIGLAS® Mineral BV	PLEXIGLAS® Mineral NF
Fire behaviour		D, s2, d0	C, s1, d0
Density p	g/cm³	1,50	1,74