



**Exolon® solid sheet**  
More than just material.



# Exolon Group. Inspired brilliance.



## **A successful product doesn't just happen.**

The Exolon Group bundles many years of experience, expertise and know-how in the development, production and marketing of high-quality polycarbonate sheets.

The Exolon® brand provides our customers with environmentally-friendly, intelligent, sustainable sheet material solutions of the highest quality standard in accordance with EN ISO 9001. We make not only Exolon® transparent, translucent solid polycarbonate and multi-wall sheets but also Axpel® polyester sheets, Vivak® co-polyester sheets and Exoblend®, Exolon® GP B and Vivak® GP B opaque sheet material.

Special diffuser sheets for LEDs and our Silent-Sound solid sheets for use in soundproof walls as well as other specialities round off our product range. Just ask us about these products. A professional service and ongoing response to customer requirements in a demanding market make Exolon a reliable partner for trade and industry. Whether it is for mechatronics, architecture, exhibitions or shop fitting, Exolon® supplies plastic sheets for an infinite number of applications.

[Follow the trail of an extraordinary plastic material.](#)

# Exolon®

## When exhibitions take shape.



Shanghai Expo 2010, German pavilion,  
„Floating flakes“, three-dimensionally distorted  
solid sheets, photo: © Ausstellung Milla & Partner,  
Architecture Schmidhuber + Kaindl

### **When plain material goes beyond the ordinary.**

Exolon® – Exolon’s success story revolves around a comprehensive range of first-class polycarbonate sheets made into high-tech quality solid sheets. Exolon® combines attractive product features that turn imagination into reality – plastic molecules in their true element.

Be amazed at new product ideas.



### Convincing benefits:

- highly impact-resistant
- extremely temperature-resistant
- clearly transparent
- weather-resistant
- abrasion-resistant
- UV-resistant

### Exolon® – An overview of solid sheets. Just see what's possible.

Product	Type	Colour	Properties	Thickness in mm
Exolon® GP	099	clear transparent	standard type	0,75 - 15
	130 / 150	white translucent		
Exolon® NR	099	clear transparent	non-reflective	1 - 4
Exolon® Vista QX10	099	clear transparent	optical quality	3 - 12
Exolon® Titan	099	clear transparent	extremely impact-resistant	20
Exolon® AR	8099/ 7099	clear transparent	abrasion-resistant UV-resistant	3 - 12
	8850	bronze transparent		
Exolon® UV	2099	clear transparent	UV-resistant 10-year guarantee	2 - 15
	2130 / 2150	white translucent		
	2850	bronze transparent		
	2760	grey transparent		
Exolon® FR	099	clear transparent	UL94 V0	2 - 12
Exolon® WS	658	green	Certified according to DIN EN ISO 25980:2014 (former- ly DIN 1598)	3 & 4
	888	bronze		
Exolon® UV CC**	2655	green transparent	less heat transference	2 - 12
	2080	clear transparent		
Exolon® SilentSound**	2099	clear transparent	UV-resistant sound-absorbent abrasion-resistant/ UV-resistant	8 - 20
	8099 AR	clear transparent		
Exolon® DX**	cool139 / bright 174/ high 184	white diffuse	LED lighting	1,5 - 5
Exolon® RX**	144	white opaque	LED lighting	1-4
Marolon® SX Sharp**	099	clear transparent	LED lighting/ shaping	1
Marolon® UV AdLight**	148	white diffuse	LED Lighting	2 - 5

All sheets are available in your favourite colours depending on the quantity ordered.

\*\* Products have separate documentation. Please ask.



Exolon® sheets are extremely transparent and are available in a textured version. They also comply with fire protection classifications\*. They are exceptionally easy to work and can be drilled, sawn, milled and hot shaped.

\* Depending on thickness, colour and applications, Exolon sheets have good fire performance in accordance with national fire regulations in many countries.

\*\* Polycarbonate sheets may change their fire behaviour due to ageing and weathering.

Exolon®  
When safety and aesthetics  
work together.





Exolon® GP – universal  
Exolon® NR – non-reflective  
Exolon® Vista – brilliant  
Exolon® FC – formable



### The solid sheet material for clear-cut requirements.

Exolon® meets the highest requirements in every respect. Whatever the application you have set your mind on, Exolon® impresses with its transparent material composition and high optical quality. Whether you want something out of this world or are content to keep your feet firmly on the ground, Exolon® gives you the crystal clarity you need. Exolon® complies with the most demanding requirements whether it calls for an all round cockpit view, a rear window or panoramic window or whether it's for a basic safety application in fields such as sport and security.

With white goods, the clear, simple high-tech material ensures a flawless visual appearance, and is the first choice for transparent fascia panels on washing machines, dishwashers, cookers, refrigerators and freezers.

*The obvious choice if you want luminosity.*



Exolon® SilentSound



Photo: DECKEL MAHO  
Pfronten GmbH



# Exolon®

## When top industrial performance is required.

Exolon® Titan – unbeatable  
Exolon® AR – abrasion-resistant  
Exolon® WS – welding shield



### For maximum safety with unbeatable advantages.

There is no resistance: even under the toughest conditions Exolon® demonstrates proven strength and longevity, particularly in industrial production. The toughest Exolon® solid sheet is the Titan which meets the most rigorous requirements. With its declared C3 classification (DIN EN ISO 23125\*) the high-tech sheet has repeatedly demonstrated its extra shatterproof and scratch-resistant qualities.

In mechatronics Exolon® is proven for a wide range of tasks. Whether as a full enclosure, cover or inspection window, the high-performance plastic for innovative technology is perfect for customised modern engineering solutions because it is so easy to work.

Indispensable when a high level of technological convenience is required.

\* International harmonisation of DIN EN 12415



Deep-drawn Exolon® UV solid sheet



Exolon® UV – weather-resistant  
Exolon® FR – fire-resistant

# Exolon®

Because beauty is always perfectly shaped.



## For lovely moments.

Because of its diverse product features, Exolon® opens all the right doors for architects, exhibition constructors and designers. The high-tech sheet offers inexhaustible potential in design options for room settings, exhibitions, shop fitting, illuminations or visual communication solutions.

Exolon® is a fantastic drawing board for creative ideas, whether as a projection surface for events and exhibitions, as a translucent roof, interior conversions, light design or as a display. Be inspired by its striking range of uses.

Indispensable when aesthetics  
are uppermost in your mind.



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