

Architecture & Design

design composite panels


Over 15 years of experience in adhesive technology and production of TRlcore cores from high quality plastic is the basis for our composite panels. The combination of the highest technical quality with stunning designs creates numerous opportunities for innovative concepts. Quality testing in our well-equipped laboratory through to final inspection guarantees the highest quality of our products.

The use of advanced lighting technology is particularly suited to our panels to enhance their optical effect. AIR-board[®] and clear-PEP[®] panels have different core structures.

Features

- Excellent UV and weather resistance
- Innovative translucent optics
- Excellent light transmission
- Provides full or partial visibility/privacy
- Light weight
- Easy processing
- *Compatible with standard fixing systems*
- Excellent bending stiffness
- Unique 3D-effects and light scattering
- High impact and abuse resistance
- Patented core geometries
- Good thermal and sound insulation properties





AIR-board®

The honeycomb cores in different sizes for our AIR-board® panels can be combined with various transparent or coloured facing sheets. The different layers and different core structures allow a variety of imaginative design options.



clear-PEP®

The distinctive TRICore, for our clear-PEP® panels, is manufactured on our specially designed and patented core expander. The innovative characteristic of the open structure gives the lightweight panels not just a unique depth but also an extremely high rigidity.

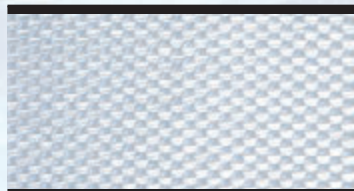


AIR-board® & clear-PEP® panels

stock items

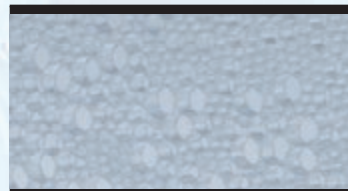
AIR-board®

PRODUCT

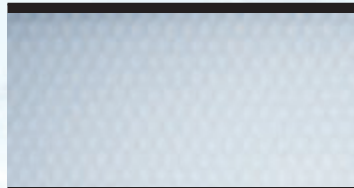


AIR-board® UV PC transparent
3020 x 1220 x 19 mm
Art-Nr. ABU019-30201

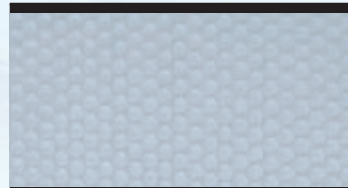
PRODUCT PRODUCT



chaos AIR-board® UV satin clear
3020 x 1000 x 19 mm
Art-Nr. ABCS19-20001



AIR-board® UV satin opal
3020 x 1000 x 19 mm
Art-Nr. ABSA19-20011



AIR-board® acoustic
2500 x 1220 x 18 mm
Art-Nr. ABM018-00201



AIR-board® UV satin orange
3020 x 1000 x 19 mm
Art-Nr. ABSA19-20041

In addition to the range of stocked panels we also produce panels to customer requirements.



stock items

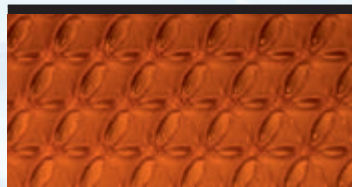
clear-PEP[®]

PRODUCT



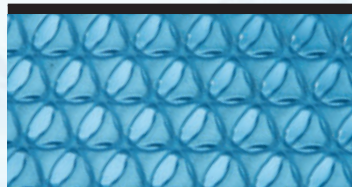
clear-PEP[®] UV PC transparent
3020 x 1220 x 19 mm

Art-Nr. CPU019-30201



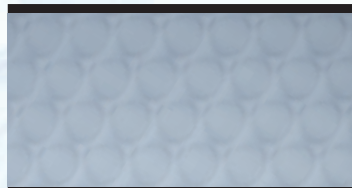
clear-PEP[®] UV PC color orange
3020 x 1000 x 19 mm

Art-Nr. CPC019-24781



clear-PEP[®] UV PC color light blue
3020 x 1000 x 19 mm

Art-Nr. CPC019-26251



clear-PEP[®] UV satin opal
3020 x 1000 x 19 mm

Art-Nr. CPSA19-20011

PRODUCT



clear-PEP[®] UV satin grey
3020 x 1000 x 19 mm

Art-Nr. CPSA19-20061

NEU/ NEW



clear-PEP[®] UV PC stage
2000 x 1000 x 40 mm

Art-Nr. CPS040-20001

BODENPANEEL
FLOOR/STAGE



clear-PEP[®] spy UV satin clear ar
3020 x 1000 x 19 mm

Art-Nr. CPSS19-20001

NEU/ NEW



custom solutions

The possibilities

In addition to the standard range we offer many different surface sheets, dimensions, core structures, colours and material combinations with special properties.

Customer orientation and flexibility allow us to offer customized solutions.



Colours

All colours in glossy or satin finishes are available.



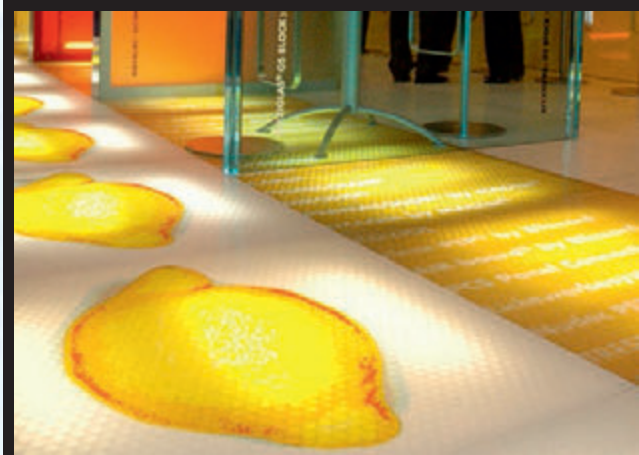
Shapes

Cutting/drilling/bending/CNC milling according to customer's specifications.

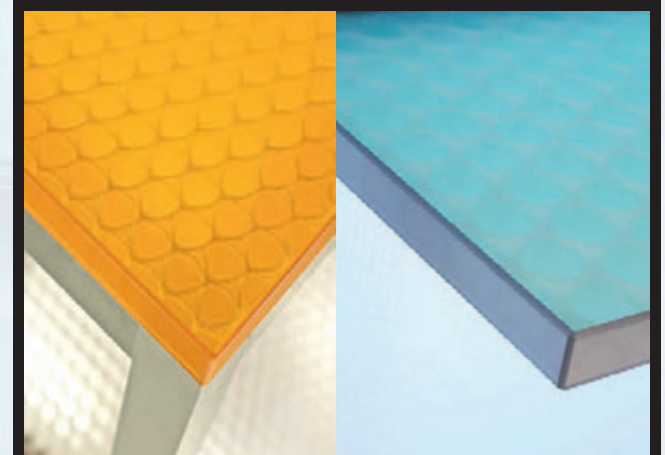
custom solutions



Panel sizes up to 7500 x 2500 mm.



Any graphics/logos can be printed on the panels with digital print.



Edge banding options for interior and exterior applications.

system solutions



Complete wall systems, integrated doors and profile systems are delivered ready for assembly.



Customized hinged & sliding doors together with the appropriate mounting systems.



Temporary or permanent partition walls for applications such as exhibition booths, congresses, offices, foyers etc.

With our system solutions we present bespoke concepts for interior and external applications. Special profile systems offer room partitions, decorative walls, swing and sliding doors, shading systems and many other possibilities for requirements with a higher level of design.



Facades

The weather-resistant panels from UV-resistant materials with outstanding thermal insulation values are at their best when illuminated from the rear or with sunlight.



Shading systems

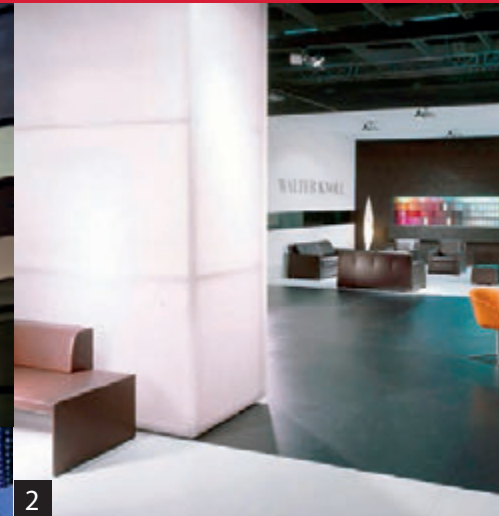
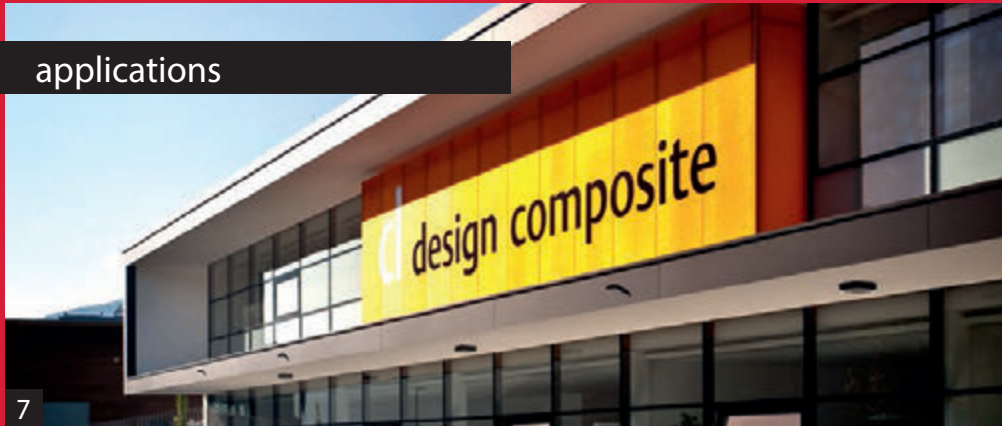
The weather-resistant panels from UV-resistant materials are providing a distinct look to a building's exterior while providing shade and increased comfort.



Acoustic systems

The specially developed acoustic panels for ceilings, walls and partitions are used to improve the room acoustics and sound absorption.

applications



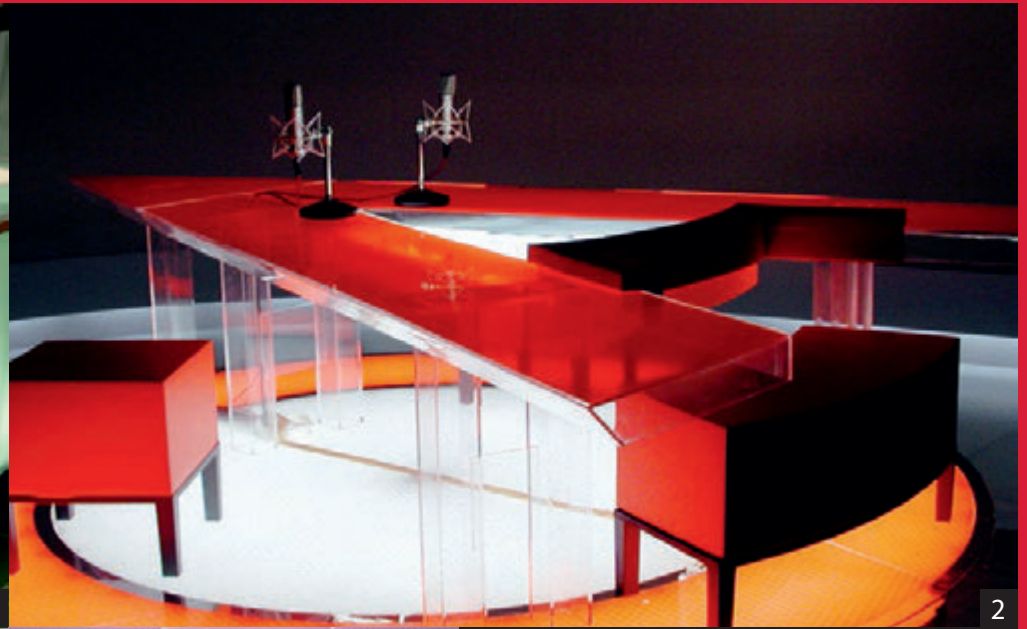
Application possibilities for AIR-board[®] - and clear-PEP[®] -panels: architecture, exhibition booths, shop design, stage setting, interior design, displays, illuminated advertising, shop window decorations, shelves, luminaries, illuminated ceilings, furniture, partition, sliding doors, raised floors, balcony panels, facades, canopies and much more!



6



5



2



2



3



1



1



3

- 1 Shop design/bars
- 2 Exhibition booths
- 3 Museums
- 4 Designer furniture
- 5 Sanitary applications
- 6 Health spa and hotels
- 7 External facades

Architecture & Design



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