

PLEXI NAUTIC

30 years of experience!



BAVARIA elan Hanse BENETEAU



ACRYLIC AND POLYCARBONATE

for boat windows and equipment

boat windows | boat equipment | illuminated and non-illuminated yacht signs | laser cutting cnc cutting | decorative and useful elements according to measure or template | sale of whole panels



3D YACHT SIGNS





15 mm acrylic with warm white LED lighting
+ 2 mm stainless steel – polished edges







10 mm satined black acrylic
+ white acrylic with warm white LED lighting



Round illuminated panel 20 mm thick
with lettering



Painted acrylic 15 mm + acrylic 10 mm
with warm white LED lighting



30 mm acrylic + cool white LED lighting
5 mm black acrylic + colored film

10 mm black acrylic
+2 mm stainless steel
classic edges







2 mm stainless steel
polished edges

PREMIUM PRODUCTS



20 mm acrylic with warm white LED lighting
5 mm black acrylic + 3 mm stainless steel



3D sculpted acrylic with backlighting

LED LIGHTING

WARM WHITE



COOL WHITE



RGB



EDGE FINISHING

ROUNDED POLISHED EDGE



POLISHED EDGE



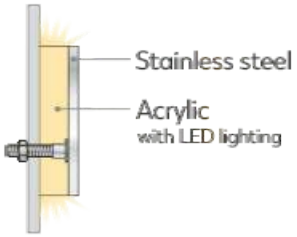
STANDARD EDGE



INDIVIDUAL SOLUTIONS

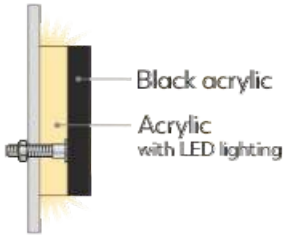


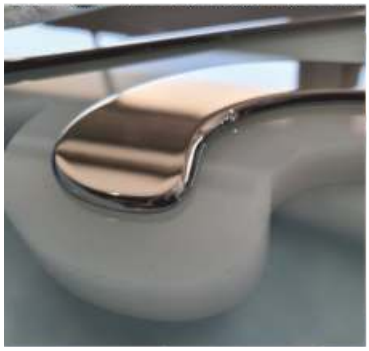
CLASSIC



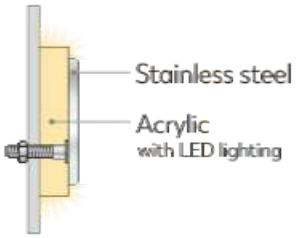


CUSTOM



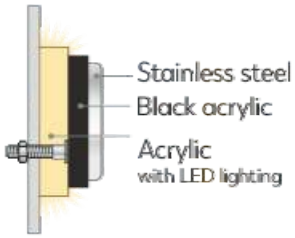


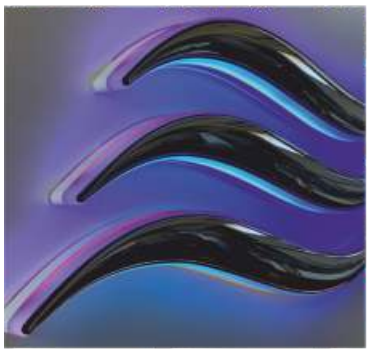
OUTLINE



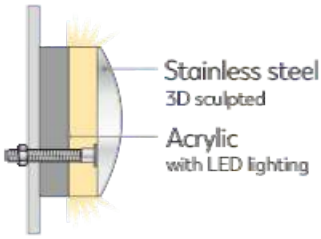


PREMIUM



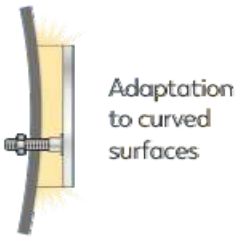


3D PREMIUM





CURVED



SPECIAL FACE FINISHES

DIAMOND EFFECT LIGHTING



CARBON FIBRE FRONT



DISH HOLDERS





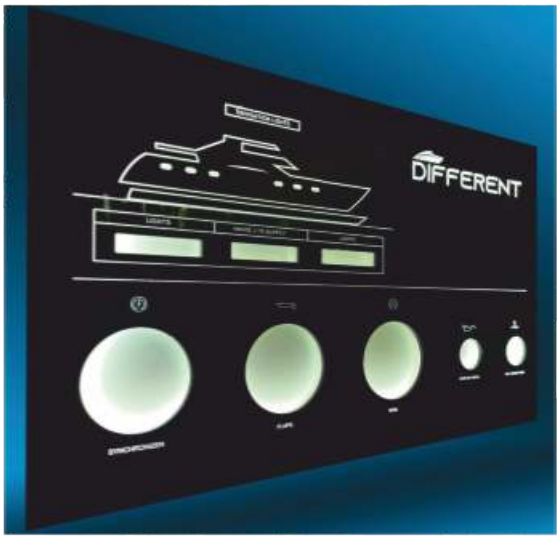








DASHBOARDS



DASHBOARD
with lighting



MIRRORS



MIRROR
with lighting logo and frame



MIRROR
acrylic

WINDSHIELDS

Custom - made boat windows and windshields in acrylic or polycarbonate.
Tinted or clear, premium quality with UV protection.







RAILINGS



TINTED ACRYLIC 15 mm thick





painted edge



ARTICLE: 001
dimension: 680 x 580 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 002
dimension: 575 x 275 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 003
dimension: 575 x 542 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 004
dimension: 500 x 500 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 005
dimension: 513 x 513 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 006
dimension: 575 x 542 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 007
dimension: 330 x 330 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 008
dimension: 243 x 243 mm
thickness: 8 mm
material: acrylic
color: dark grey - tinted 50%

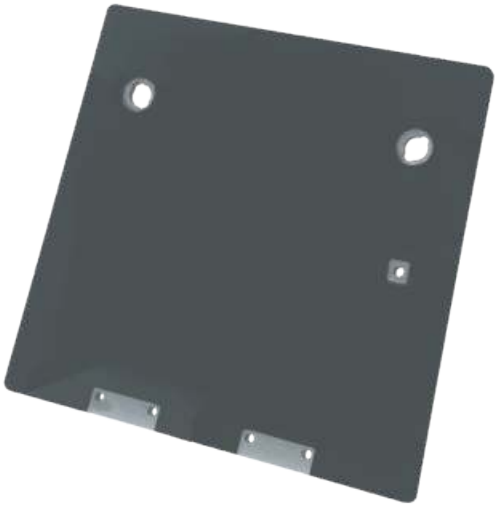


painted edge

ARTICLE: 009
dimension: 695 x 695 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 010
dimension: 575 x 575 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 011
dimension: 510 x 510 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 012
dimension: 490 x 245 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%, white



ARTICLE: 013

dimension: 518 x 238 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 014

dimension: 518 x 518 mm
thickness: 10 mm
material: acrylic
boja: dark grey, brown - tinted 50%



ARTICLE: 015

dimension: 490 x 360 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 016
dimension: 577 x 577 mm
thickness: 12 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 017
dimension: 292 x 292 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 017/1
dimension: 292 x 292 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 018
dimension: 540 x 540 mm
thickness: 10 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 019
dimension: 540 x 425 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 020
dimension: 475 x 475 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 021
dimension: 380 x 234 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 022
dimension: 655 x 655 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTIKAL: 023
dimension: 500 x 500 mm
thickness: 8 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 024
dimension: 525 x 520 mm
thickness: 10 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 025
dimension: 330 x 330 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 026
dimension: 265 mm
thickness: 8 / 10 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 027
dimension: 415X272 mm
thickness: 10 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 028
dimension: 540 x 540 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 029
dimension: 575 x 575 mm
thickness: 15 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 030
dimension: 575 x 575 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 031
dimension: 330 x 330 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 032
dimension: 245 x 245 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 033
dimension: 575 x 542 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 033 / 1
dimension: 575 x 542 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 034
dimension: 633 x 130 mm
thickness: 8 mm
material: acrylic
color: dark grey - tinted 50%

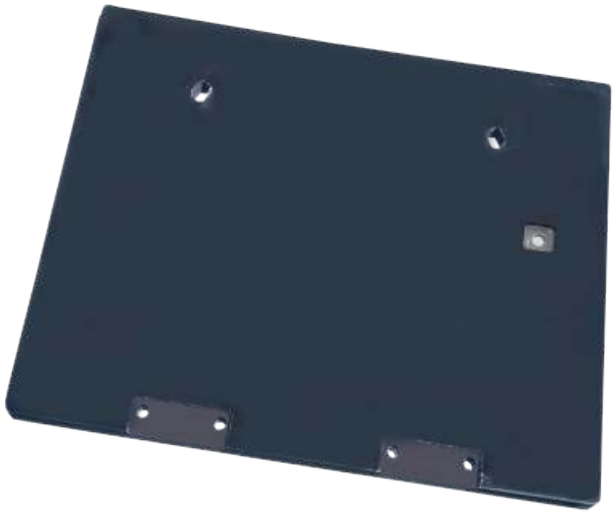


ARTICLE: 035
dimension: 400 x 210 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

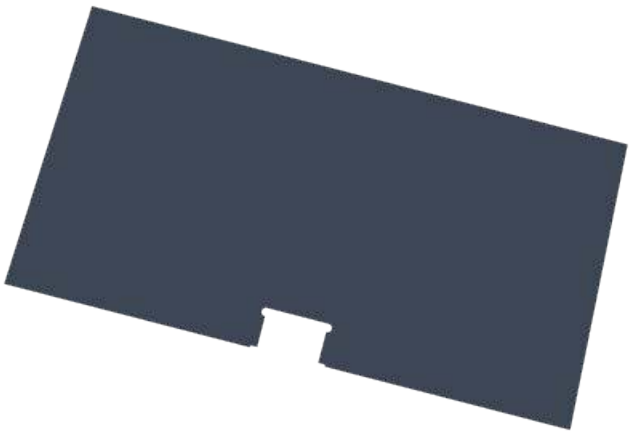
ARTICLE: 036
dimension: 400 x 210 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



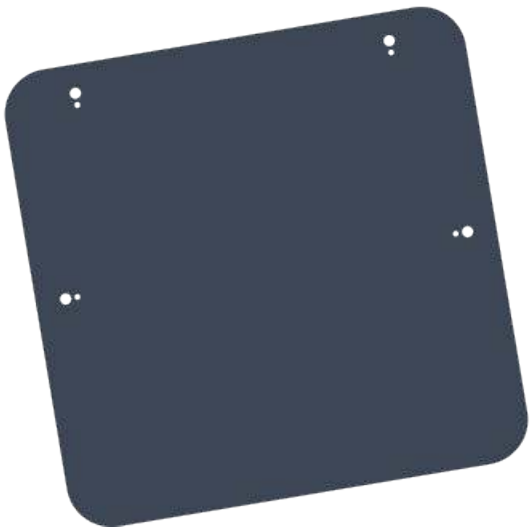
ARTICLE: 037
dimension: 512 x 512 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 037 / 1
dimension: 512 x 512 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 038
dimension: 658 x 330 mm
thickness: 10 mm
material: acrylic
color: dark grey, brown - tinted 50%



ARTICLE: 039
dimension: 623 x 623 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 040

dimension: 272 x 417 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



painted cnannel

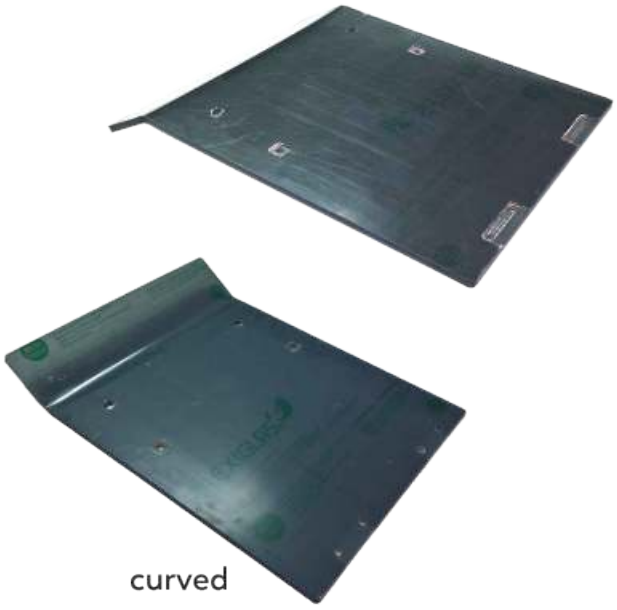
ARTICLE: 041

dimension: 580 x 685 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 042

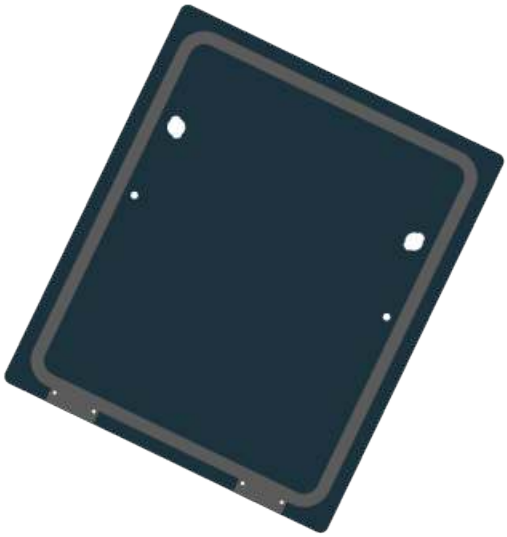
dimension: 575 x 275 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



curved

ARTICLE: 043

dimension: 510 x 695 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 044

dimension: 580 x 680 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 045

dimension: 577 x 577 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 046
dimension: 512 x 398 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 047
dimension: 330 x 330 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 047/1
dimension: 330 x 330 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 048
dimension: 417 x 273 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 049
dimension: 759 x 575 mm
thickness: 12 mm
material: acylic
color: dark grey - tinted 50%



ARTICLE: 050
dimension: 697 x 697 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 051
dimension: 577 x 577 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 052
dimension: 330 x 330 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 053
dimension: 575 x 575 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 054
dimension: 527 x 397 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 055
dimension: 535 x 535 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



painted edge

ARTICLE: 056
dimension: 490 x 245 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 057

dimension: 302x247 mm
thickness: 10 mm
material: acrylic
color: dark grey - tinted 50%



ARTICLE: 058

dimension: 330x330 mm
thickness: 12 mm
material: acrylic
color: dark grey - tinted 50%

WINDOW INSTALLATION AND PROTECTION PRODUCTS



Bostik 290 ml MSR
Universal glue
Color:
black, white



Bostik 290 ml MSR
Fast Tack
Universal glue



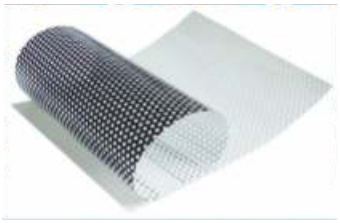
Bostik 100 ml MSR
Universal glue
Color:
black, white



ACRIFIX 100 ml
Glue for acrylic



DUPLI COLOR spray
black matte / gloss
white matte / gloss



Perforated film
for sun protection for
acrylic and polycarbonate
- self - adhesive



Silver metallized film
for sun protection for
acrylic and polycarbonate
- self - adhesive



Texo protective UV tape
waterproff, blue color

PONTOON MARKINGS



ILLUMINATED COLUMN 100 cm
Four sided acrylic structure + vinyl film

INFORMATION PANELS



PANEL 40x25 cm
Acrylic panel 10 mm with 5 mm acrylic letters 5 mm



LASERS CUTTING of metal and acrylic



CNC machining of various materials

In addition to the boat windows presented in this catalogue, we also manufacture custom boat windows, as well as decorative and functional elements, based on client dimensions or templates.

Colors and thickness:

PLEXIGLASS (acrylic glass):	**5 mm**	**6 mm**	**8 mm**	**10 mm**	**12 mm**	**15 mm**	
	transparent brown	transparent	transparent brown dark grey 50%	transparent brown dark grey 50%	transparent dark grey 50%	transparent dark grey 50%	
POLYCARBONATE (plain):	**2 mm**	**3 mm**	**4 mm**	**5 mm**	**6 mm**	**8 mm**	**10 mm**
MIRROR (plexiglas):	transparent 3 mm	transparent	transparent	transparent dark grey	transparent	transparent bronce	transparent

transparent



brown



dark grey
tinted 50%



mirror

We also offer full sheets of acrylic and polycarbonate, along with custom cutting to size.

PLEXIGLAS

Sheets and pieces

Dimensions 3050 x 2050 mm

PLEXIGLAS®
THE ORIGINAL BY RÖHM



POLIKARBONAT

Sheets and pieces

Plain
Dimension 3050 x 2050 mm



WINDOW INSTALLATION (BONDING)

Installation begins with proper surface preparation. It is necessary to drill holes, sand, and paint the bonding area. If drilling holes for fastening screws is required, it is recommended to use drill bits designed for acrylic; if unavailable, wood drill bits may be used.It is very important to note that the hole diameter must always be at least 1.5–2 mm larger than the screw diameter; otherwise, material cracking is highly likely.For bonded windows and windshields, proper preparation of the bonding surface is essential. Since all materials are supplied with protective film on both sides, this film acts as an insulator during painting and bonding. The bonding area should be marked on the protective film, then cut with a knife and removed. The exposed surface should first be sanded and then treated with an appropriate primer. When fixing the window, special attention must be paid to the adhesive manufacturer's instructions, which must be carefully read prior to use, particularly the sections regarding application conditions and method. The use of dedicated adhesives is recommended, most commonly polymer adhesive sealants. The adhesive must have high UV resistance, and the boat surface must be prepared in accordance with the manufacturer's guidelines.

Once prepared, the adhesive should be applied in a slightly thicker, continuous bead, especially along the upper edge to prevent leakage, after which the window is positioned in place. Care must be taken not to press the window excessively, as this may force the adhesive out. A minimum adhesive thickness of 1–2 mm must be maintained between surfaces, which is most easily achieved using spacers.If the window is additionally secured with screws, proper spacing must also be ensured, and the screws should be tightened only after the adhesive has cured. This spacing is crucial, as the adhesive layer holds the window in place and compensates for differences in thermal expansion between the boat structure and the glazing.In some cases, although not common, windows on one side of the vessel may bond correctly while those on the other do not. The most common cause is uneven sun exposure. When freshly applied primer or adhesive - typically black - is exposed to direct sunlight, the temperature can rise rapidly beyond acceptable limits, causing the adhesive to change structure and lose adhesion properties. To prevent this, the window must be covered with cloth, paper, or similar material after bonding until the adhesive has fully cured. Final sealing can be achieved by applying masking tape at a distance of 5–10 mm from the window edge and then applying a finishing bead of adhesive along the edge up to the tape line. This creates a sealing joint that further reinforces the bond and provides a clean aesthetic finish.

1. Protective film on the window



2. Removing the film from the bonding area



3. Sanding the bonding area



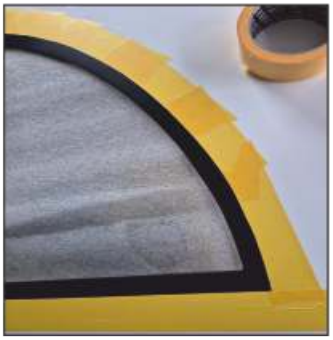
4. Application of paint and primer on the window



5. Application of paint and primer on the opening



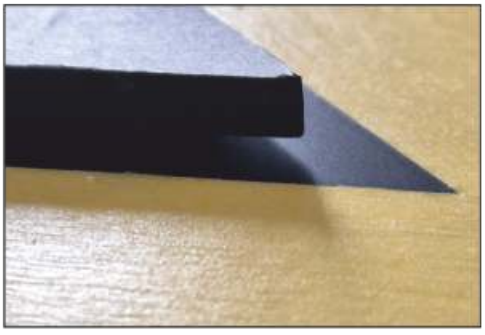
6. Protection of the bonding area



7. Adhesive application



8. Bonding with a required 1–2 mm gap



9. Sealing



10. Final appearance



TINTING AND ANTI-SLIP FILMS

Acrylic and polycarbonate glazing can be additionally tinted using tinting films. When selecting a film, it is important to ensure that it is suitable for plastic materials. Standard tinting films are generally designed for glass, which has significantly lower thermal expansion.Such films are not suitable for plastics, as they cannot accommodate material expansion, resulting in bubbles and wrinkles.For walkable window surfaces where anti-slip properties are required, a light-transmitting anti-slip film can be applied over the entire surface. In this case, transparency for viewing is lost, but light transmission is retained.

PLEXI

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