

ADLER S.A. Part Number:: 790 23V

Totally transparent, this water rejection bead combines the remarkable properties of polycarbonate and an "ultra-high performance" transfer adhesive: mechanical strength, resistance to ageing, etc.

The adhesive is ultra-pure, totally resistant to UV rays, temperature, ageing (UV, etc.), chemical attack and all other environmental factors. It is perfectly transparent. It is suitable for a large number of base materials (glass, Plexiglas or polycarbonate, wood, metal, etc.) with different curvatures and coefficients of expansion. It withstands temperatures from -40 °C to +90 °C continuous, and up to +150 °C peak, and it bonds the polycarbonate extrusion perfectly in most applications: particularly in all washroom installations, etc. Once the bead has been fitted, pressed and smoothed onto its base material, the adhesive polymerises quickly - but remains flexible -, and reaches 70 % of its strength after just 10 minutes and 100 % of its strength after approximately 24 hours. The peel-strength of this adhesive is in the region of 1 to 2 kg. Its shear and pull-off resistance values are extremely high.

The polycarbonate extrusion has a preformed "Vee" shape, which makes it easy to fit, perfectly straight. This shape can be adapted to each application, by folding or pressing, either before installation or once the adhesive has hardened; this is done in about ten strokes, taking care not to force the bead into alternating sharp folds or producing extreme angles. Installation of this product can be recommended where it is necessary to prevent water infiltration between two parallel surfaces, e.g. between a sliding door and a fixed wall surface, or to fill the opening clearance between two contiguous surfaces, etc.

Polycarbonate is naturally very inert and, in addition to being perfectly transparent, has a very durable profile and is extremely resistant to chemical aggressions, the environment, etc. It is the ideal - and only! - solution for sealing a sliding door system in a shower.

The extrusion can be delivered from stock, in 2.20 metre lengths.

It is protected, on the face non-adhesive side, by a slightly opaque plastic film which must be removed after completion of the installation.

The installation instructions are identical to those for the adhesive silicone tubular seal (P/N 790 16N). The extrusion must not be sharply folded other than along the pre-marked fold, otherwise the transparent extrusion could become permanently marked with white stripes along each fold. Similarly, it is necessary to avoid excessively tight rolling or twisting radii, which would damage the adhesive bond to the polycarbonate and affect the transparency of the assembly after installation.

In the case of the polycarbonate extrusion, it is essential to vigorously press and smooth the adhesive in order to ensure that its nominal characteristics are obtained. This operation must also be performed without stretching or shearing the extrusion, and should, if possible, be done using an appropriate roller.

ADLER S.A. can supply a tool for applying the sealing bead perfectly straight, and for pressing and smoothing it, all in a single pass.

This water rejection extrusion offers an attractive - almost invisible - alternative to all seals for efficiently sealing sliding door systems. The ideal solution for all your projects that combine design and technical performance ...

Dimensional drawings of the extrusion

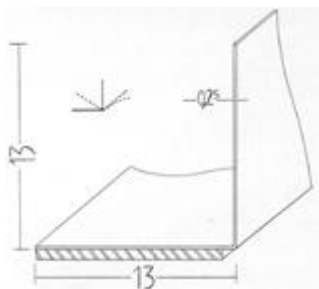


Photo of the extrusion



Photo of the extrusion bonded onto the mirrors of the Novaglas presentation cabinet



Application example 1
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Application example 2



ADLER S.A.

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