



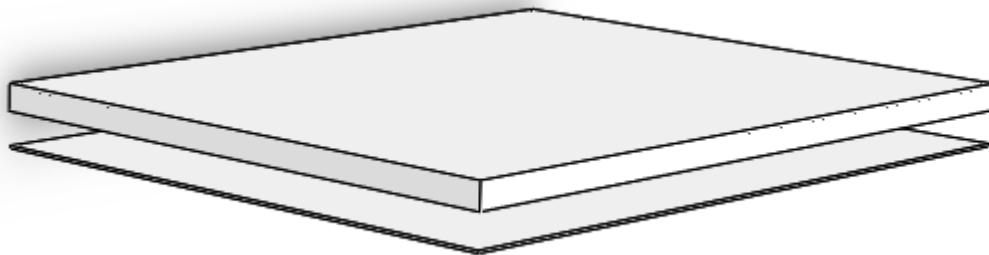
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MUSEUM ACRYLIC BOX



PRODUCT DESCRIPTION

If you have a very special artwork or painting, Adeglas is capable to create the most suitable protective box for your needs, using more than 40 years in the field of acrylic materials and bonding process.

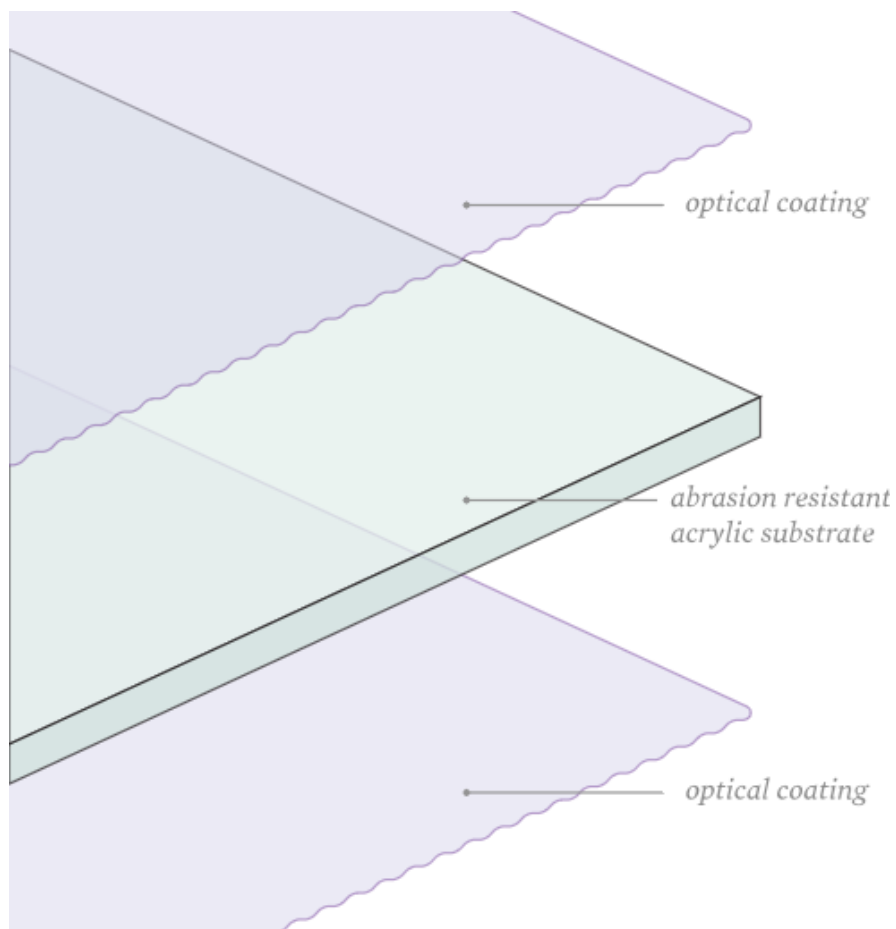
The state of the art application involves the use of

- UV protection acrylic sheets
- 90 ° bi component bonding
- Moisture adsorbers if needed

All realized in dimensions up to 2,5 m x 2 m

THE MATERIAL....

Adeglas uses the best acrylic sheets in the market. If needed it is possible to choose the state of the art material “Optium true vue museum acrylic sheet ®”.



Please note that Adeglas s.r.l. is not the owner of “Optium true vue museum acrylic sheet ®” and it is not connected in any manner.

Features

- Virtually eliminates reflections
- Filters up to 93% of UV rays
- Light transmission brightens colors and contrast levels
- Anti-static protection that immediately dissipates static
- Durable hard coat protects against scratches
- Shatter resistance safeguards against injury and damage to artwork
- Cleans like glass – no special acrylic cleaners needed
- Coating is engineered for permanence

Technical Info

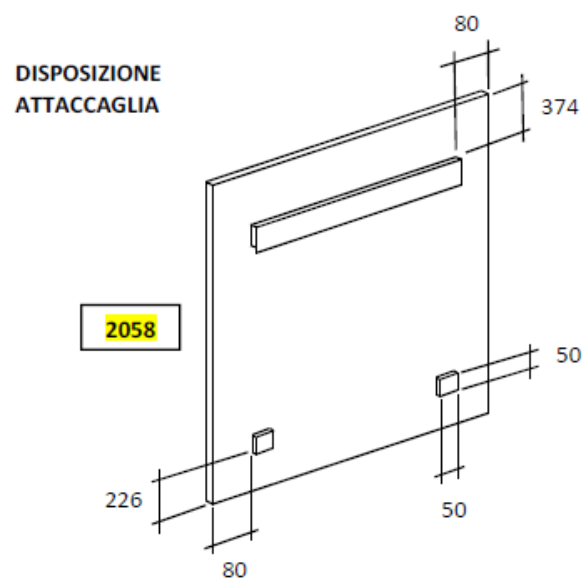
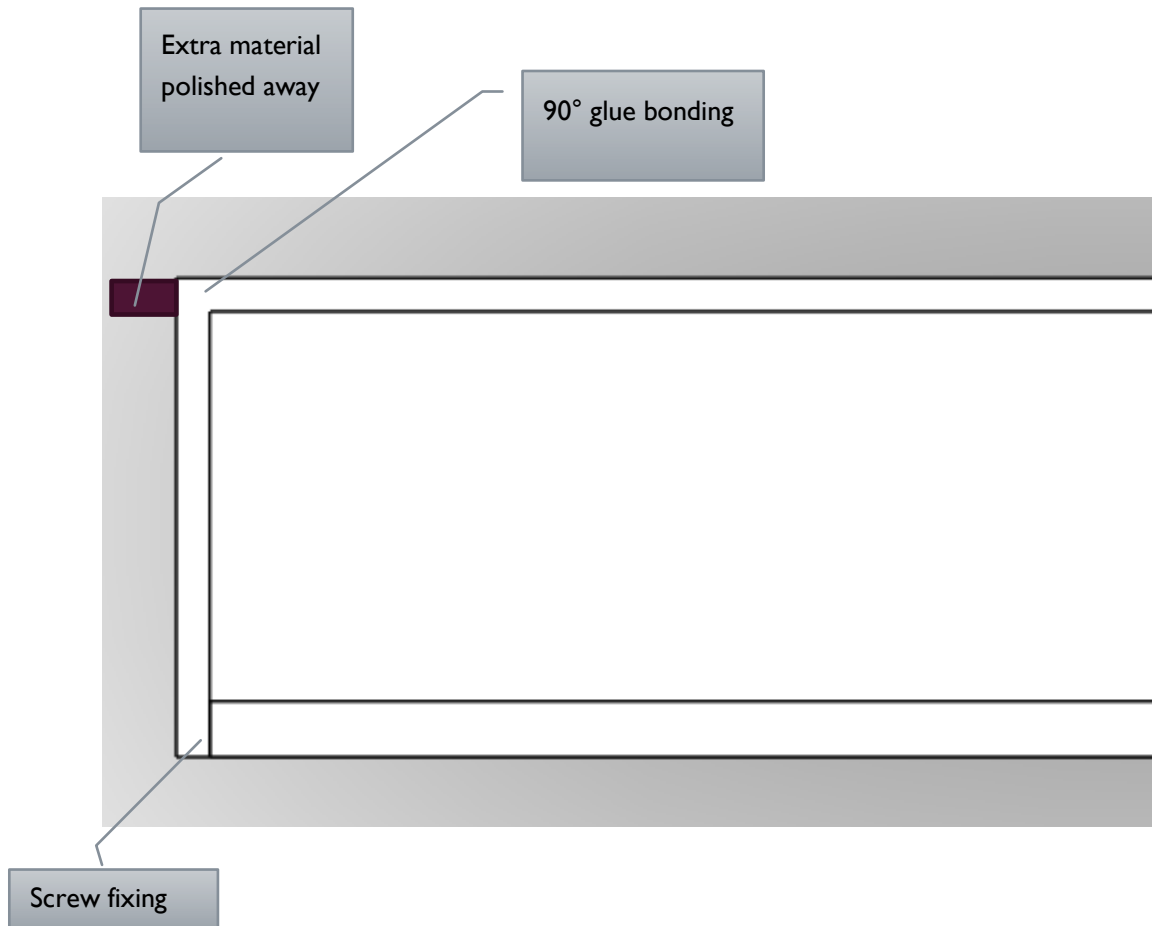
- Substrate: Abrasion Resistant Acrylic
- Coating: Anti-Reflective
- Thickness: 3.0mm, / .118", Maximum Size: 48" x 96" / 1220mm x 2440mm\
- Reflection: <1.6% (double-sided)
- Transmission: >98% (total)
- UV Block: up to 93% of 300nm to 380nm UV rays

Individual Tests

- Passes Photographic Activity Test (PAT) ISO 18916
- <1.0E+12 Surface Resistivity (Ohms/square)
- Passes Outgassing Oddy Test
- Passes Humidity Resistance MIL-C-48497A para 4.5.3.2
- Passes RoHS Compliance ASTM B117-03
- Passes Corrosion Resistance (Salt Fog) ASTM B117-03 & B368-03 & B368-97
- Passes Coating Adhesion (Snap Tape) MIL-C-48497A para 4.5.3.1
- Passes Solubility MIL-C-48497A
- Accelerated Aging 2000 hours (~100 years) of Q-sun Xenon Arc Testing at exposure intensity of 100,000 lux properties remain unchanged

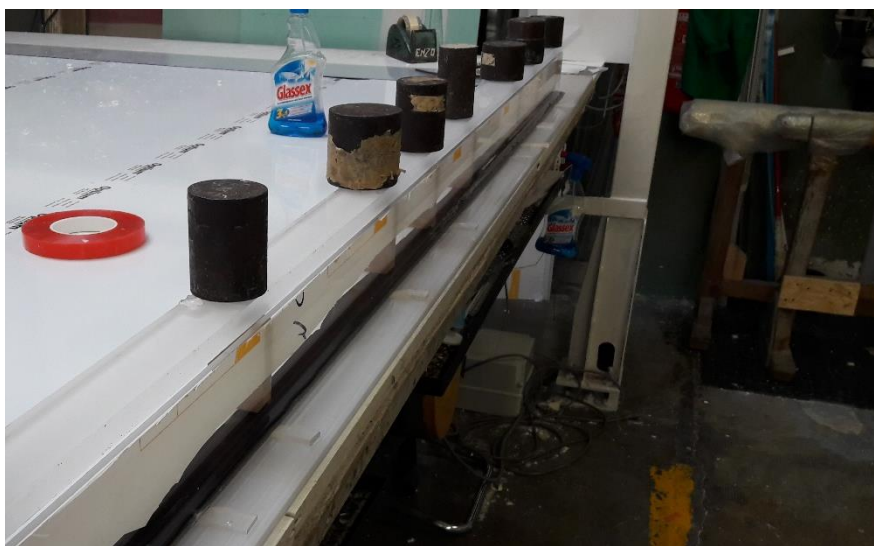
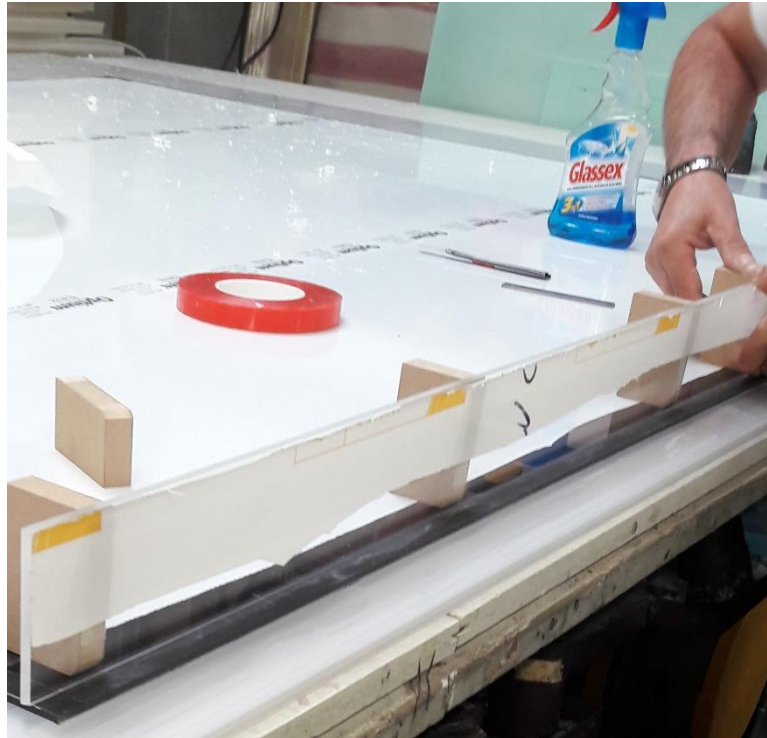
... THE BOX DESIGN ...

Together with customers we design box suitable for any application



... AND THE HANDCRAFT

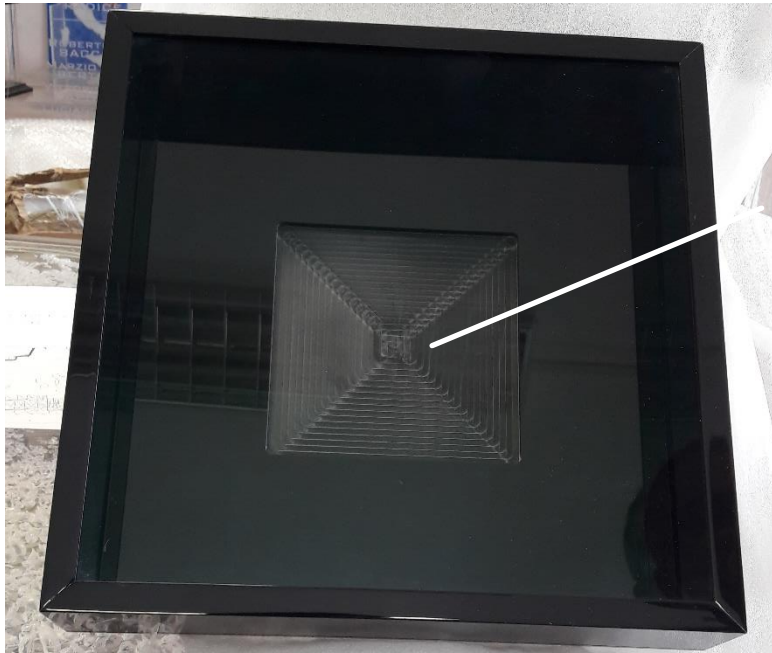
Adeglas is capable of acrylic bonding both at 45° or at 90° with dedicated glues developed internally for every application. All the mechanical process (acrylic milling, cutting, polishing) are done inhouse by our workforce.



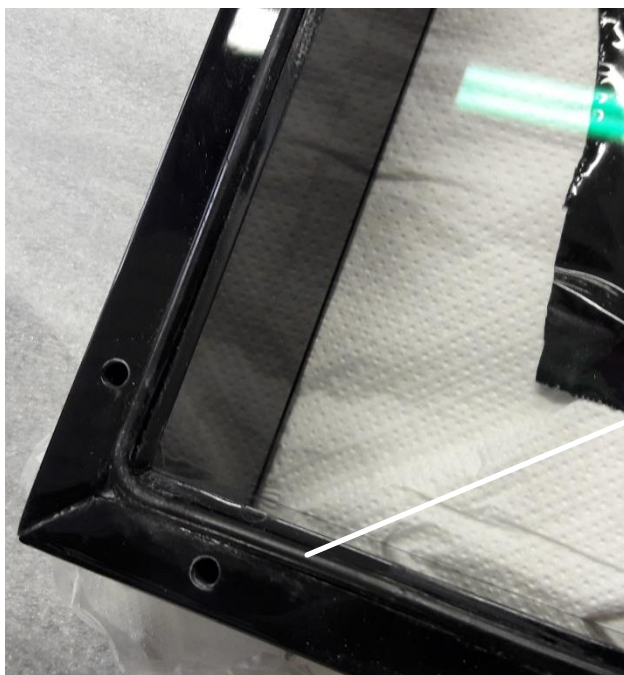
THE MOISTURE ISSUE

If the artwork has some moisture issues, Adeglas has the solution:

- A Semi gas tight acrylic box with gaskets
- A moisture adsorber closed into a back boned not visible space



Inner space for
moisture adsorber



Backspace for
rubber gasket

All you will have to do is to change periodically the moisture adsorber