

Fix ALL® Mounting Tape Ultra Strong

Revision: 5/07/2021

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Technical data

Carrier	Acrylic foam core
Adhesive layer	Acrylic
Release liner	PE coated paper
Color (carrier)	White
Color (liner)	White
Thickness (carrier + adhesive)	1,10 mm
90° Peel adhesion (stainless steel - 24h)	ASTM D-3330 3200 N/m
Dynamic shear (stainless steel)	ASTM D-1002 770 kPa
Normal tensile (alu)	ASTM D-987 760 kPa
Static shear (stainless steel)	ASTM D-3330 > 10000 min (load = 500 g/cm ²)
Temperature resistance**	-40 °C → 100 °C
Application temperature	10 °C → 40 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Fix ALL® Mounting Tape Ultra Strong is a white, ultra strong, double-sided mounting tape for a wide range of applications. Ideal for a quick, easy and permanent fixing of various materials to glass, mirrors, tiles, stone, steel, most types of metal, varnished wood, veneer and most plastics. Fix ALL® Mounting Tape Ultra Strong ensures a very durable and long-lasting adhesion to the surface and can be used both indoors and outdoors.

Properties

- Very high final strength
- Quick and easy bonding
- High adhesive strength
- Good shear resistance
- Conformable, suitable for curved substrates
- Easy peel release liner
- For in and outdoor use
- UV-resistant
- Moisture resistant.
- Good temperature resistance
- No drying time, continue working immediately
- Replaces mechanical fixing
- Part of the Fix ALL® family

Applications

- Metal or plastic bonding requiring high internal strength.
- Suitable for a wide range of applications including mounting fire detectors, coat racks, (photo) frames, ...
- Suitable for wall and ceiling.
- Can be used both in- and outdoors.
- Nameplate or sign bonding.
- Can be used in bathroom or damp environments.

Packaging

Packaging: Roll (in blister pack)

Length (m): 1,5

Thickness (mm): 1,1

Width (mm): 19

Shelf life

At least 24 months in original, unopened packaging at a cool and dry storage place, between +5°C and +25°C.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Substrates

Substrates: High surface energy substrates (e.g. metals, glass). Medium surface energy substrates (e.g. plastics: ABS, PC, PS, PVC), Best performance, adhesion on smooth surfaces. Not suitable for: Low surface energy substrates (e.g. PE, PP, PTFE, EVA).

Nature: rigid, clean, dry, free of dust and grease. Ensure that frost or condensation are absent on the surface.

Surface preparation: A preliminary adhesion test on every surface is recommended.

- Advice: It is recommendable to wait 24 hours before applying the full load (in case of hooks).

Application method

Application method: Apply Fix ALL® Mounting Tape Ultra Strong over the full length of the object to be bonded. Apply the tape preferably vertical. Press firmly for 5 sec. Remove the liner, stick the object to the substrate and press firmly again. The adhesive layer of the tape is pressure-sensitive, the more firmly one presses, the better the adhesion. Bonding is hand-tight in 5 sec, 70% of the final strength is achieved after 20 min and the full final strength is achieved after 24h.

Cleaning: Adhesive residues can be removed with Soudal Adhesive Remover-CT or Soudal Surface Cleaner.

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- Both the temperature of Fix ALL® Mounting Tape Ultra Strong and of the substrate must be within the reach of the application temperature.
- Do not use on frozen surfaces or surfaces on which condensation is present.
- Decorative mirrors with maximum dimensions of 50 x 50 x 0.4 cm can be bonded, for larger mirrors please contact a Soudal representative.

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