

1. Product Description

More security for your mirrors is hardly possible.

Our Xtramount® is a double-sided mirror-mounting tape on a carrier of closed-cell, white polyethylene foam (density 100 kg/m³), coated on both sides with a solvent-based, pure acrylate adhesive and protected on one side by brown release paper.

Xtramount® was specially developed for vertical mounting of mirrors per DIN EN 1036, but can also be used for many other materials like metal plates, glass, ceramic and many plastics*.

2. Advantages

- Excellent resistance to humidity
- High adhesive strength right from the start
- UV-resistant
- Suitable for outdoor use
- Temperature range from -30°C to +100°C
- Shelf life of 12 months (at 21°C and 50% relative humidity)
- Excellent resistance to water, plasticisers, oils and solvents

3. Technical Data

Type of test	Xtramount® 0,8 mm	Xtramount® 1,6 mm	Test specifications
Elongation at break	285 %	235 %	AFERA 4005
Tensile strength	12 N/cm	24 N/cm	AFERA 4004
Peel strength	14 N/cm	14 N/cm	PSTC 101
Shear strength	>500 h	>500 h	FTM 8 on steel
Rolling ball tack	5 cm	15 cm	PSTC 6
Tape thickness	780 µ	1635 µ	PSTC 33
Thickness of cover paper	110 µ	110 µ	PSTC 33
Optimal taping temperature	+20° to +30° C	+20° to +30° C	
Normal temperature range	-30° to +100° C	-30° to +100° C	
Short-term temperature resistance	-40° to +120° C	-40° to +120° C	

4. Instructions for Use

Please always apply multiple strips of Xtramount® vertically in the corners of the backside of the mirror to ensure optimum distribution of shear and tensile forces over the entire surface of the mirror.

- The back of the mirror must be dry and free of dust, grease and silicone.
- Place the mirror face-down onto a flat, smooth, soft surface.
- Apply the Xtramount tape to the back of the mirror and press down over its entire surface (at least 4 N/cm²)
- After 10 hours the optimal adhesive strength is reached.

- Remove the cover paper and mount the mirror. (Please note: After the mirror is mounted, you can no longer make corrections.)
- Porous walls (plaster board, chipboard, masonry, etc.) must have been pre-treated with a primer.

Please note:

It is not recommended to use this tape on slanted or horizontal surfaces (slanted walls, ceilings).

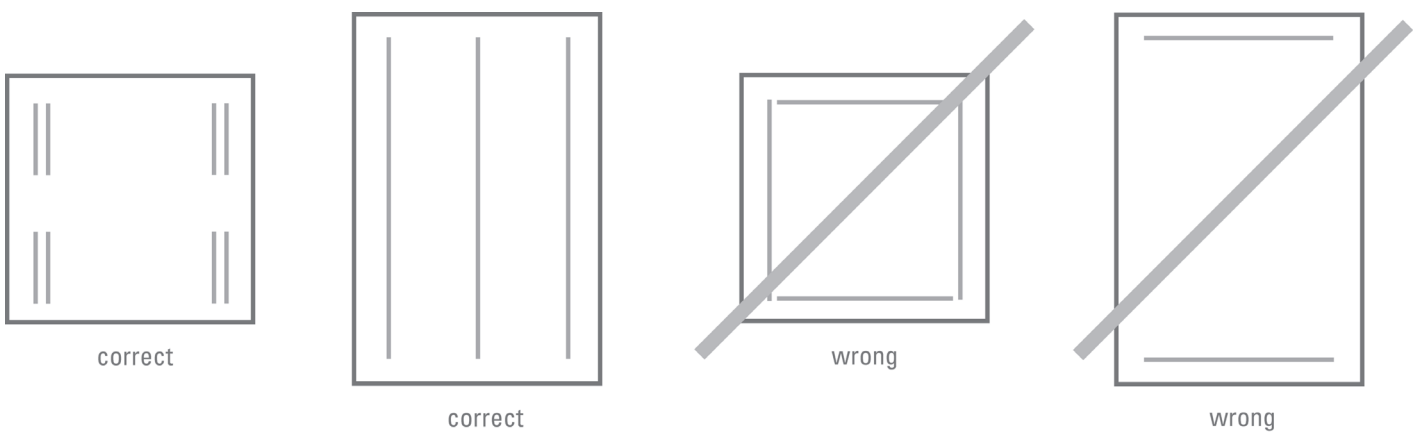
* As not all plastics are suitable for bonding, tests will need to be done on an individual basis, or contact the supplier of your plastic with this data sheet.

5. Amount of Adhesive Tape Required

This information applies only to bonding of mirrors (DIN EN 1036) onto galvanized metal plates (or other materials with a surface tension of at least 38). When bonding mirrors per DIN EN1036 onto smooth materials (ceramics, glass, etc.) or porous substrata that must be pre-treated with primer, at least 25% more tape should be used. The indicated minimum amounts of tape should preferably be applied to the 4 corners of the mirror in several strips (see Taping diagram). Distance to mirror edge should always be approx. 40 mm.

Mirror size	Tape width	Mirror glass thickness			
		3 mm	4 mm	5 mm	6 mm
100 cm ²	19 mm	3 cm	4 cm	5 cm	6 cm
	25 mm	2 cm	3 cm	4 cm	5 cm
200 cm ²	19 mm	5 cm	7 cm	9 cm	10 cm
	25 mm	4 cm	5 cm	7 cm	8 cm
500 cm ²	19 mm	13 cm	17 cm	20 cm	25 cm
	25 mm	10 cm	13 cm	16 cm	20 cm
1.000 cm ²	19 mm	25 cm	40 cm	45 cm	50 cm
	25 mm	20 cm	30 cm	35 cm	40 cm
2.000 cm ²	19 mm	50 cm	70 cm	85 cm	100 cm
	25 mm	40 cm	50 cm	65 cm	80 cm
5.000 cm ²	19 mm	125 cm	175 cm	225 cm	250 cm
	25 mm	100 cm	120 cm	170 cm	200 cm
10.000 cm ²	19 mm	250 cm	350 cm	450 cm	500 cm
	25 mm	200 cm	260 cm	325 cm	325 cm

6. Taping Diagram



7. Special Information

All preceding information is based on laboratory tests or supplier's information and cannot be considered binding for each individual case. This information has been provided to the best of our knowledge; however, it does not exclude the possibility that you need to test the suitability of the product for your particular application. Warranty and liability for this product are subject to our General Terms and Conditions, unless legal regulations provide otherwise.