

Technical Specifications

XtraCryl BO 52 077 40 - 52 079 45

XtraCryl is highly transparent, both sides are adhesive and it has an excellent tack right after application, offering a high degree of security soon after mounting.

XtraCryl is a high-performance, acrylate-based adhesive tape with backing sheets made of blue HDPE film which is siliconised on both sides and 125µ thick.

XtraCryl is extraordinarily resistant to ageing, weathering, temperature and solvents.

Due to its especially thick layers of adhesive, it is ideal for bonding rough or uneven materials as well as for durable bonding of glass, metal, mirrors per DIN EN 1036 and many plastics.

Stresses in the adhesive bond are reduced by the thickness of the adhesive layer; the strength of the bond increases considerably with time.

We especially recommend XtraCryl for mounting laminated glass mirrors and mirrors per DIN EN 1036 as well as for bonding cast resin panes.

Technical Specifications	XtraCryl 1.0 mm	XtraCryl 2.0 mm	XtraCryl 3.0 mm	
Peel strength*:	Steel	40N/25mm	44N/25mm	45N/25mm
	Glass	38N/25mm	42N/25mm	43N/25mm
	Aluminium	35N/25mm	38N/25mm	40N/25mm
	PVC	28N/25mm	34N/25mm	37N/25mm
Shear strength**:	The high cross-linking of the purely acrylate adhesive provides excellent inner strength, thus allowing it to resist extraordinarily high shear forces which are transmitted in the bond.			
	at 20° C	45N/625mm ²	45N/625mm ²	30N/625mm ²
	at 70° C	15N/625mm ²	10N/625mm ²	10N/625mm ²
Temperature resistance:	-40°C to +120°C, short-term up to +150°C			
Chemical resistance:	The special molecular structure is stable in respect to chemical compounds such as bases, acids and solvents.			
Shelf life:	12 months (room temperature 20°C, relative humidity 50%)			

* based on AFERA 4001

** based on AFERA 4012