




TYTEX ULTRACLEAR MS POLYMER ADHESIVE SEALANT



BENEFITS.

Our premium quality MS-polymer adhesive sealant is crystal clear. Creates almost invisible bonds.

-  Superior strength once cured
-  Permanent elasticity
-  Paintable*

Suitable for many applications including:

- Most construction and building applications
- All internal joining and sealing applications
- External applications where only water resistance is required
- Joints in bathroom and kitchen applications
- Glass
- Mirror
- Metals including copper and brass
- Natural stone
- Concrete and brick
- Polystyrene
- Timber/hardwoods such as frame and panel construction, skirtings, architraves

NB. Unsuitable for joints that are exposed to contact submersion under water and rooms with permanent high relative humidity or joints with a width or depth < 5mm. Not recommended for bituminous surfaces, gluing PE, PP, PA and Teflon®. Not recommended for polycarbonate and polyacrylate. Permanent exposure to UV could cause discolouration over time. Tytex Ultraclear is not designed to be used in areas which are continuously/permanently immersed in water.

PRODUCT DESCRIPTION.

Tytex Ultraclear is a premium quality mid modulus MS polymer based adhesive sealant. It is odourless, neutral and free of solvents, isocyanates, fungicides, halogens and acids.

Ultraclear is ideal for internal applications. Bonds without primer on almost all construction materials, including all timbers, concrete, brick, glass, mirror and on metals without causing corrosion to metals joints. Outstanding results on all joining and sealing applications where high transparency is necessary. Has good water and moisture resistance.

PAINTING.

*Paintable with most water and solvent based paints. The surface must be cleaned first prior to being painted. We recommend painting after 48 hours. In some cases, it could be painted sooner if the adhesive has begun to cure.

DIRECTIONS FOR USE.

PREPERATION. The substrate must be fixed and rigid enough, and can be slightly damp. The materials to be joined must be clean and free from dust and grease. If necessary, degrease using Tytex cleaner, MEK, solvent, alcohol, or ethanol.

APPLICATION. Apply with the supplied nozzle in strips or dots to the base or on the element to be bonded. The strips must be applied in vertical rows. Apply the strips parallel to each other, to allow the humidity to reach the adhesive between the strips.

Bring together the parts to be joined as quickly as possible, at least within 10 minutes (this depends on the temperature and relative humidity level). Finally, push down one over the other firmly, cramp or tap with a rubber hammer.

PACKAGING.

Available in 290ml cartridges, boxed in 12's.

STORAGE.

Storage life is approximately 12 months, less once opened. It is always the users responsibility to determine suitability of use.

TECHNICAL DATA.

Base	MS Polymer	Shore A hardness ISO 868	35
Curing System	By means of humidity	Joint movement capacity ISO 11600	12,5%
Skin formation time (23C and 50% R.V.)	15 min	Modulus at 100% elongation ISO 8339	0,70 N/mm ²
Vulcanisation rate (23C and 50% R.V.)	2,5- 3mm after 24 h	Elongation at break ISO 8339	150%
Density: ISO 1183	1,06 g/ml	Modulus at break ISO 8339	0,80 N/mm ²
Processing temperature	+5°C - +40°C	Solvent and isocyanate content	0%
Shelf life	12 months	Dry matter content	ca. 100%
		Temperature resistance	-40°C - +90°C

Excellent moisture resistance and not sensitive to frost.