

Cl/SfB	Yt3
CAW Z20	
Uniclass L6739:P74	

Description

MT480 is a water-based, gap filling grab adhesive. It offers the same gap filling and bonding performance, but without the issues surrounding solvent-based adhesives. It is an ideal choice for the professional user when local regulations do not permit the use of solvent-based systems and it is a sensible adhesive to select for use in confined areas where ventilation is poor and solvent based adhesives could be considered hazardous. Applications include: fixing aluminium and PVCu nosings and extrusions to concrete and wooden stairs; carpet grippers to most sub floors without using tacks or nails; most types of wall cladding, direct wall studding, internal wall surfaces or timber battens; direct fixing of battens, architrave, etc., to walls without other fixings; and fixing floor boarding and skirting boards. MT480 has excellent adhesion to brick, concrete, blockwork, wood, plywood, chipboard, hardboard, plasterboard, polystyrene, laminated plastics metals and ceramics.

Colour

White

Packaging

380 ml cartridges (25 per carton)

Technical Information

Property	Results
Composition	Water based emulsion
System	Evaporative cross linking
Specific Gravity	1.6
Final Adhesion	7 days
Strength	
Application Temperature	+5°C to +40°C
Service Temperature	-40°C to +100°C
Storage	Store in dry shaded conditions between +12°C and +25°C. Do not allow to freeze.
Shelf Life	12 months when stored as recommended in original unopened packaging.

Necessary Tools

- Standard cartridge skeleton gun and a sharp knife to cut nozzle.

Preparation

- All surfaces must be clean and free from grease, contamination dust and other loose material.
- Surfaces may be damp but not running wet.
- It may be necessary to prime dusty or porous substrates with WD110 diluted 5:1 with water and allow to dry thoroughly before using the adhesive.
- Abrading the bond surfaces will assist final bond strength.



MT480

High Grip Solvent Free



Usage / Purpose

MT480 has been developed to provide a water-based alternative to conventional grab adhesives. It is suitable for a wide range of construction applications and bonds to most typical construction materials.

Key Benefits

- Water based construction adhesive with high initial grab and ultimate bond strength
- Contains no organic solvents and therefore does not produce any flammable, toxic or objectionable odour vapours
- Gap filling formulation forms a strong bond even with irregular or uneven substrates
- Bonds most typical construction material - ideal for expanded and extruded polystyrene

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Application

- Cut off the end of the tip of the cartridge to expose the adhesive. Screw on the nozzle then cut back the nozzle to the required size. Apply using a sealant applicator gun.
- For panelling and other large areas apply stripes at regular intervals. Apply the adhesive to one of the bond surfaces; bring both surfaces together moving slightly and applying even pressure to bed down.
- Finally increase the pressure over the joint surface to maximize the areas of contact. The use of temporary fixing/support may be needed until sufficiently strong bond strength has developed.
- To bond battens, skirting, flooring, etc., apply beads (or spots if the surfaces are irregular) to the components to be bonded. Position the component and lightly press against the mating surface so as to obtain good transfer of adhesive.
- Remove the component and if necessary reapply adhesive to any areas where it is not present. Leave for approximately 5 minutes before final assembly by pressing the components firmly in place.

Cleaning

Being water based any uncured excess can simply be removed with a damp cloth. Cured adhesive can be softened using AT200 High Strength Cleaner.

Please Note

MT480 is not recommended for use in submerged joints or below ground. The product is not compatible with bituminous or asphalt materials (discoloration will occur). Users are recommended to assess the suitability of the material for their own particular application before use.

Health & Safety Precautions

Safety data sheet must be read and understood before use.



Technical Service

tremco illbruck has a team of experienced Technical Service Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Service on 01942 251400.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which

has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. tremco illbruck Ltd. reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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