BritChem Ltd

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TECHNICAL DATA SHEET

PRODUCT **BRITCHEM SOLVENT FREE ALL- PURPOSE BUILDING ADHESIVE**

DESCRIPTION

BritChem Solvent Free adhesive is a general purpose building adhesive formulated with high performance polymers eliminating the need for solvents. The adhesive has excellent wet grab with ample open time for positioning, and dries rapidly producing high bond strength. It is sandable, overpaintable, and adheres to all common building and construction materials including polystyrene. For interior, exterior use, rough, smooth, vertical or horizontal surfaces. The adhesive is ideal for fixing to surfaces that will be damaged by mechanical fixings. Non-Flammable.

SPECIFICATION COMPLIANCE

No specification applicable to this product.

APPLICATIONS

- Fixing skirting boards, architraves, dado rails and coving.
- Bonding timber frames to brick and stone.
- Fixing wallboards and plasterboard to battens.
- Bonding floor grippers and metal edges (on porous surfaces)
- Bedding and bonding worktops to units.
- General DIY and repairs.
- Fixing polystyrene tiles, coving and decorative mouldings.

LIMITATIONS

BritChem Solvent Free Building adhesive should not be used for structural bonding or fixing applications. Do not use in permanently damp or wet areas.

TECHNICAL DATA

Base:	High performance water based polymer
Solids:	80 +/- 2%
Viscosity:	Viscous paste
Colour:	White or natural (buff)
Tack Time:	10-15 minutes
Coverage:	11 m per cartridge with 6mm bead
Flash Point:	Not applicable
Shelf Life:	12 months when stored between 4^0C and 25^0C
Specific Gravity:	1.62 – 1.68
Application Temperature:	$+5^o$C - $+40^o$C
Service Temperature:	-15^oC - $+70^o$C

METHOD OF USE

All substrates must be dry and free from dust, grease and any loose material. Any coating or covering must to strongly bound to the surface. If in doubt, remove back to a sound surface. New concrete or plaster should be allowed adequate time to dry and mature.

Highly porous or friable surfaces should first be primed with a dilute solution of PVA Sealer and allowed to dry.

Apply the adhesive as a 6mm diameter “zig zag” bead along the length of one surface to be bonded. On large panels repeat adhesive beads at 20cm intervals. Where gap filling is required apply a bead of adhesive around the perimeter sufficient to slightly overfill the gap. Firmly press the materials together immediately and apply pressure all over. Item can be repositioned if required within 2 or 3 minutes.

On vertical surfaces heavy items should be temporarily supported. Allow 24 hours setting time before removing support.

Excess adhesive can be cleaned up with a damp cloth before drying.

Bond strength develops rapidly, sufficient for most applications to give an inseparable adhesive joint within 1-2 hours under standard conditions of temperature and humidity.
Full bond strength develops within 72 hours depending on the nature of the surface.

STORAGE

Store in cool dry conditions, protect from frost. Re-seal cartridge after each use.

HEALTH AND SAFETY

This product is not classified as dangerous under current EC regulation EC1272/2008 (CLP)

As with all chemical products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth. If accidentally ingested, wash mouth out with water and seek medical attention. For eye contact, flush eyes with clean water for at least 10 minutes. Seek medical advice if irritation or discomfort persists. Consult safety data sheet for full details.

KEEP AWAY FROM CHILDREN AND ANIMALS

Further Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable; each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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