

Technical Data Sheet

Date of compilation: 19/08/2022

ARC-GRIP SOLVENT FREE

DESCRIPTION

Arc-Grip 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.



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

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

TECHNICAL CHARACTERISTICS

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°C and 25°C
Specific Gravity	1.62 - 1.68
Application Temperature	+5°C - +40°C
Service Temperature	-15°C - +70°C

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APPLICATION INSTRUCTIONS

All substrates must be dry and free from dust, grease and any loose material. Any coating or covering must be 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 Arc Tilers Primer 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 & 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. Consult safety data sheet for full details.

NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.