Published: December 2018
Version 3

bond it

Never compromise on quality!

GLUES & ADHESIVES RANGE

CONTACT ADHESIVE

Solvent-based Contact Adhesive

Description

A premium grade, solvent based, brown coloured, single component solvent-based contact adhesive. THIS PRODUCT IS TOLUENE-FREE.

Uses

CONTACT ADHESIVE can be used for bonding cork, leather, rubber, metals, wood, chipboard, hardboard, laminated plastics (e.g. Formica), dense textiles, plaster, stone, concrete, cementitious screeds and smoothing compounds. It will bond rigid PVC and uPVC sheets but the materials should be checked for suitability prior to application as solvent attack can occur in some instance.

Bond It **CONTACT ADHESIVE** may also be used to bond lightweight materials to vertical surfaces and ceilings. It is predominantly designed for interior use but can be used externally when the adhesive is protected from direct sunlight and water.

This product is not suitable for polystyrene, polythene, polypropylene, silicone rubbers, bitumen or PTFE. The solvent in the contact adhesive may attack certain painted or lacquered surfaces.

Preparation

Surfaces to be bonded must be clean, dry and free from dust, grease or contaminants that may hinder adhesion. Whenever possible, materials should be conditioned overnight in ambient conditions of 15-20°C/ 60-65%RH. Very smooth surfaces should be abraded to provide an adequate key.

Application

Stir the glue thoroughly, prior to use, until a uniform consistency is obtained and the material has turned a creamy/brown.

Apply the adhesive to both surfaces being bonded with a notched scraper, brush or trowel to produce a thin film. In cool, damp conditions take care that no condensation takes place on the glue lines as it will affect the adhesive bond. If condensation (evident by a grey "bloom" on the glue) does occur delay bonding until the glue is moisture-free. If the open time is exceeded, re-apply the adhesive to both surfaces. Leave the adhesive to become touch dry (approx 10-60 minutes depending on drying conditions).

Maximum open time for this product is up to 75 minutes, however, it is advisable to make bonds within 30 minutes of adhesive application.

Carefully align pieces to be bonded. For panel products, work from the centre outwards to minimise air entrapment. Press the two surfaces together and apply firm pressure with a hand rubber roller, block and mallet or mechanical press. Handling and trimming are possible immediately after bonding.

Coverage

5m² per litre when applied by notched spreader;
8m² per litre when applied by brush.

Limitations

- Not suitable for use with polyolefins or acetate fabrics.
- Do not use on soft (plasticised) PVC or polystyrene.
- Do not use on cellulose painted surfaces or on bitumen.
- Not suitable for items that may hold hot liquids.
- Do not use in areas subject to continuous immersion in water.
- Do not use at temperatures below 5°C.

Drying Time

Allow up to 60 minutes for initial set. Bond strength will continue to increase for up to 48 hours after application. Do not use infrared heaters or mechanical blowers as the product contains solvent and is highly flammable. Total drying time depends upon ambient temperature and the thickness coverage of the adhesive.

Storage Conditions

Containers must be kept sealed and stored under cover, away from sources of heat and ignition. Keep out of direct sunlight at a temperature of between 4-25°C.

Storage Life

12 months under good storage conditions in original, unopened containers.

Cleaning Of Tools

Excess material can be removed by using acetone or nail polish remover (protect any surrounding surfaces).

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Contains ethyl acetate and solvent naphtha (petroleum) light aliph.Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Specification Summary

Appearance	Beige liquid of medium viscosity
Composition	Rosin in solvent
Approximate Flashpoint	<5°C
Flammability	Capable of combustion
Specific Gravity	0.85 - 0.88 g/cm^3
Viscosity	1500 - 3500 MPa.s
Solubility in Water	Polymerises
Grab	Very high initial grab
Application Temperature Limit	5°C - 30°C
CURED ADHESIVE	
Gap Filling	Up to 0.25mm
Peel strength canvas-canvas, 48h	>2.6 kN/m^2
Shear strength, wood-wood, 48hr	>1.6 MPa
Service Temperature Range	-60 to +80°C

Container Sizes:

Code:	BDA004	BDA001	BDA002
Size:	250ml	500ml	1 Litre
Barcode:	5060021369352	5060021360588	5060021360595

Code:	BDA003
Size:	5 Litre
Barcode:	5060021360601

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

Certificate Number: 6152
ISO 9001
ISO 14001

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V3 2/11/18
Supercedes V2 03/10/18