



# 33 LV ADHESIVE

## HIGH SOLIDS WATER BASED LAMINATING ADHESIVE

12 April 2017

### YOUR SMART ADVANTAGES

- High resistance to sunlight and ultra violet radiation
- Non staining
- Odour free
- Non hazardous
- Rapid bond strength
- Brush, roll or spray application

### USES

- Laminating rigid or plasticised PVC to chipboard
- Laminating fabric to foam
- Flocking Adhesive
- Laminating fabric to various plastics
- Art work adhesive
- Adhering solvent sensitive polystyrene foam to porous surfaces
- Laminating foam to foam (Polyurethane).
- Label adhesive

### PRODUCT CHARACTERISTICS

Colour	Milky white
Viscosity	Brushable
Composition	Aqueous dispersion of complex synthetic polymers
Solids content	Approx. 60%
Usage	Interior and exterior
Application temperature	5 to 40°C
Full cure	Final bond strength can take up to 7 days
Thinner	Do not thin
Coverage	4 - 8m <sup>2</sup> /L per surface, depending on surface and application method. Absorbent surfaces may need two coats.

### Product codes

20 L plastic pail 30804021

### TYPICAL PERFORMANCE DATA (APPROX)

Chemical resistant Good to acids and alkalis

Water resistance Excellent, but not for continuous immersion

Service temperature\* -20 to +50°C

\* The adhesive will deteriorate if subjected to high temperatures and/or humidity on a continuous basis.

### DIRECTIONS FOR USE

Read and understand the Safety Data Sheet before using this product.

### SURFACE PREPARATION

Ensure all surfaces are clean and dry. Severe in service conditions or difficult materials may require a primer, consult Bostik for assistance.

### APPLICATION

- Materials may vary – prepare a test piece first to ensure product and process is suitable.
- Coarse fabrics may require multiple coats of adhesive for maximum peel strength.
- Stir thoroughly with a flat-bladed paddle to disperse any settled solids before use.
- It is recommended that you decant a smaller quantity of stirred adhesive into a clean metal or glass container and work from this container. This will help avoid drying of the product in the can and extend life of opened product.

#### Porous to non-porous adhesion

- Using a brush, apply an even film of adhesive to one side to be bonded.
- Bring the two surfaces together and roll flat.
- Allow about 20 minutes for some bond strength to develop before handling.

#### Non-porous to non-porous adhesion

- Using a brush, apply an even film of adhesive to both sides to be bonded.
- Allow the adhesive to dry.
- Heat the glue line to between 60 and 70°C and laminate the materials using a much pressure as possible.
- Alternatively the glue line can be activated by using a hot iron or reactivated by spreading a thin film of Bostik No. 2 Solvent over one bond line and then laminating.

#### General Information

- Coverage should be 100% of the surface for best adhesion. The most common cause of poor bonding is insufficient adhesive.
- On porous surfaces several coats may be required to achieve an even film on the surface. Allow previous coats to dry sufficiently (max 24 hours) before re-

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coating. Applying wet on wet adhesive will cause excessive soak-in.

- The porosity of a surface may be judged by applying a droplet of water. If the water beads the substrate is not porous, if the bead soaks in the substrate is porous.
- Carefully align the two surfaces and join together. Take care not to trap any air and use as much pressure as possible. The recommended minimum pressure required to give a good bond is 280kPa (40psi).
- The adhesive may be coloured using dyes. Contact Bostik for more information.

### LIMITATIONS

- Not suitable for polyethylene, polypropylene or Teflon.
- Works best with at least one absorbent substrate. Bonds will take much longer to dry with two non-absorbent substrates.

### CLEANING

Water while wet, Bostik Solvent No. 4 when dry. Use Bostik Handy Wipe towels to remove adhesive from skin.

### STORAGE AND SHELF LIFE

Store in cool, dry conditions out of direct sunlight below 25°C. Protect from freezing and frost. Shelf life is 12 months if stored in cool, dry conditions in original, unopened containers.

### DISPOSAL

Empty containers, once dry, may be disposed of via local landfill.

If spilt absorb product with clay, sand or earth. Collect in properly labelled containers. Dispose of according to local authority regulations. Do not dispose of down drains or into waterways.

### PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit [www.bostik.co.nz](http://www.bostik.co.nz) for copies.

### FIRST AID

Swallowed: Do not induce vomiting, give a glass of water and contact a doctor immediately.

Skin: Remove contaminated clothing, wash with warm soapy water. Do not scrub.

Eyes: Hold open and flood gently with water for at least 15 minutes. Get medical advice.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.

This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit [www.bostik.co.nz](http://www.bostik.co.nz).

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