



# LAYBOND 72

A PRESSURE SENSITIVE ACRYLIC EMULSION ADHESIVE

## KEY FEATURES

- Low VOC
- Multipurpose adhesive
- For both permanent and release bonding

## DESCRIPTION

A multi purpose adhesive used for both permanent and release bonding of floor coverings. Laybond 72 provides an extremely strong bond when used as a wet stick whilst also offering excellent dry tack properties.

## RECOMMENDED USES

Use as a wet stick for the permanent bonding of;

- PVC sheets and tiles
- Smooth backed, thin rubber sheet and tiles
- Hot pressed vinyl tiles (not suitable in areas of high solar gain)
- Gel and foam backed carpets
- Lightweight wall vinyl (use semi wet)

Uses as a dry stick pressure sensitive adhesive for the release bonding of;

- Underlays
- Carpet tiles
- Dimensionally stable carpets

Laybond 72 is also a part of the Quickstrip Vinyl System and the Quickstrip Underlay Release System.

It may be applied to concrete, cementitious screed, smoothing compounds, asphalt, terrazzo, epoxy surface, DPMs, granolithic, chipboard, hardboard, plywood and wood subfloors. It may be used over existing resilient floor coverings, provided they are clean and firmly bonded.

Suitable for use with underfloor heating installations (surface floor temperature must not exceed 27°C) Keep heating off for 48 hours before and after installation.

## PREPARATION

All phases of the installation should be comply with the latest editions of the following standards:

BS 8102 Code of Practice for protection of buildings against water from the ground.

## PERFORMANCE PROPERTIES

Type of adhesive	Water based
Specific Gravity	approx. 1.0
Application Temperature Limits	5°C to 40°C
Service Temperature Limits	up to 40°C

BS 5325 Code of Practice for the installation of textile floor coverings.

BS 8203 Code of Practice for installation of resilient floor coverings.

## SUBFLOOR

Ensure the subfloor is clean, sound, dry and free from contaminations that may hinder adhesion. The subfloor should be tested in accordance with British Standards, using a properly calibrated and insulated hydrometer. A reading of 75% RH or less confirms that the subfloor is satisfactory dry. Where this has not been attained, it is necessary to apply a Screedmaster surface membrane to suppress residual moisture. For further information, contact Flooring Technical Service.

## Smoothing Compound;

Mechanically remove any surface treatment on concrete bases. Repair any deep indentations in the subfloor with Rapid Repair Mortar. Apply a suitable Screedmaster smoothing compound at a minimum thickness of 3mm. See relevant Technical Data Sheet for full information.

## Existing Floor Coverings;

May be used as a pressure sensitive dry stick adhesive over existing vinyl and linoleum floor coverings.

## PRIMING

Clean surfaces thoroughly. Prime boards and other porous surfaces with Screedmaster Universal Primer (diluted 1:2 with clean water) and allow to dry. This is particularly important with hardboards, chipboard and plywood. Ensure the manufacturer recommends the floor covering for use with the particular substrate.

## APPLICATION

### General

When applied, the adhesive will turn from a milky white colour (wet state) through to an opaque white (semi-

wet state) through to a clear translucent film (dry state). The time the adhesive takes to change state will depend upon the absorbency of the subfloor, the application method, the application rate of the adhesive and the ambient conditions.

For smooth backed floor coverings, the trowel roller method of application may be used, i.e. the appropriate trowel is used to apply the adhesive and obtain correct coverage prior to rolling with a lambs wool roller pre-wetted in adhesive. This results in quicker drying of adhesive and removes the potential for shadowing through of adhesive lines in highly polished areas.

When used as a dry stick method it is important to keep the adhesive dust free once applied.

For floor and wall coverings bonded in either the semi-wet or dry state, it is essential that no air entrapment occurs under the covering as this will result in blisters appearing. Wipe adhesive from floor coverings or any other areas whilst it is still wet using a damp cloth.

**Permanent Bond**

PVC Sheet and Tiles;

Apply by trowel or trowel roller method using a 1.5 x 5mm or A2 notched trowel. For the permanent bonding of vinyl sheet onto porous subfloors, lay the floor covering into the adhesive whilst it is still in wet state. When laying onto non-porous or low porosity subfloors, lay the floor covering into the adhesive whilst it is in the semi-wet state. When laying vinyl tiles, to prevent oozing of adhesive between joints it is recommended that they should be bonded whilst the adhesive is in the semi-wet state.

Smooth backed Thin Rubber Sheet and Tile;

To achieve a permanent bond with rubber, it is necessary to have a porous subfloor. Apply the adhesive by trowel or trowel roller method using a 1.5 x 5 mm or A2 notched trowel. Lay the floor covering whilst the adhesive is in the wet state.

Hot Pressed Vinyl Tile;

Use the same application method as for vinyl. It is NOT recommended that Hot Pressed Tiles are bonded with Laybond 72 in areas of high solar gain. This would include conservatories, shop fronts with large windows, glass corridors or and other area subjected to large variable temperature changes. In these situations the use of Laybond 78HT high strength co-polymer adhesive is recommended.

Gel and Foam Backed Carpets;

Apply by trowel roller method using a 1.5 x 5 mm or A2 notched trowel. Lay into the adhesive in either the semi-wet or the dry state.

Lighthweight Wall Vinyl;

Apply the adhesive by roller. Allow it to reach the semi-wet state in order to give a good initial tack to hold the vinyl. Care should be taken to ensure that no air entrapment occurs when applying the covering as this will result in blisters appearing.

**Release Bond**

Underlays;

Apply the adhesive using a lamb's wool roller. Allow to dry to a clear tacky film (dry state) before laying the underlay. Carpets may then be laid immediately with the recommended adhesive. Keep traffic free for 24 - 48 hours or protect with boards for a similar time.

Carpet Tiles;

Apply the adhesive using a lamb's wool roller and allow to reach the dry state. Carpet tiles can then be laid enabling easy release for uplift and replacement. The floor covering will take immediate trafficking. With unstable carpet tiles having inherent curl, it may be necessary to lay into in the semi-wet state using a lower coverage rate. This will result in a permanent bond and will not allow easy uplift.

Dimensional Stable Carpets;

Laybond 72 may be used as a broadloom tackifier adhesive with dimensionally stable carpets. It is NOT recommended for either needlepunch / fibrebonded or PVC backed carpets. Apply by a 1.5 x 5 mm or A2 notched trowel, for profiled backings use a larger notch size such as 2 x 6 mm notched or B1 notched trowel. Lay the carpets into the adhesive when it is in the dry state. The floor covering will take floor traffic immediately but should be left a minimum of 24 hours before any heavier trafficking.

**COVERAGE**

All coverage rates are based on smooth floors.

**Permanent Bond**

PVC sheets and tiles	approx. 4 to 5m <sup>2</sup> /litre
Smooth Backed thin rubber sheets and tiles	approx. 4m <sup>2</sup> /litre
Hot Pressed vinyl tiles	approx. 4 to 5m <sup>2</sup> /litre
Gel and Foam Backed carpets	approx. 4 to 5m <sup>2</sup> /litre
Lighthweight wall vinyl	6.5 to 8m <sup>2</sup> /litre

**Release Bond;**

Underlay	6.5 to 8m <sup>2</sup> /litre
Carpet Tiles	7 to 10m <sup>2</sup> /litre
Dimensionally stable carpets:	
Smooth Backed	approx. 4m <sup>2</sup> /litre
Profile Backed	approx. 2.5 to 3.5m <sup>2</sup> /litre

**PACKAGING**

20 kg pail

**CLEANING OF TOOLS**

Clean immediately after use with water or white spirit if the material has dried.

**CLEANING OF SURFACE**

Immediately remove any adhesive from the surface of the floor covering with a damp cloth. Do not allow it to dry.

**STORAGE AND SHELF LIFE**

Keep out of direct sunlight. Store at a temperature between 5°C and 40°C. The shelf life of Laybond 72 is

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

### HEALTH AND SAFETY

#### Flammability:

Non-flammable

#### Skin Contact:

Occasional contact is unlikely to have an adverse effect, except on particularly sensitive skin. As a general precaution avoid repeated or prolonged contact. Remove skin contamination when wet with water. Use proprietary hand cleaner if the product has dried.

#### Eye Contact:

Although no serious problems are likely to be caused, eyes are a sensitive area and contact should be avoided. In the event of accidental contact, irrigate immediately with plenty of plenty of cold clean water and obtain medical attention.

#### Inhalation:

No major hazard, nevertheless use in a well-ventilated area. In the unlikely event of discomfort as a result of inhalation, remove the person to fresh air.

#### Oral ingestion:

With proper handling this should not occur. The possibility can be minimised by not consuming food in the working area and by washing hands thoroughly before eating, drinking or smoking.

#### Spillage:

Spilt material should be mopped up immediately with an inert, absorbent material, such as sand, and disposed of in accordance with regulations.

#### Disposal of Containers:

Do not leave empty containers on site where residue could be hazard to children, animals or the environment. Replace lids and remove containers to a central disposal point.

### LIMITED WARRANTY

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. However, no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advise offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.



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Low Emission Low Toxicity Adhesive / Sealant

#### BOSTIK HOTLINE

**Smart help**  
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This document supersedes all previously published literature.