

Technical Data Sheet

AS-5820 Universal Vinyl Adhesive

Physical Properties

Physical state:
Paste

Color:
Beige

Storage:
Store in a dry and cool place with temperature below 30 °C. Keep container tightly closed.

Shelf Life:
12 months

Packaging:

Content	Quantity/ carton
5 kg pail	4
10 kg pail	2
20 kg pail	1

Description

ALSEAL AS-5820 Universal Vinyl Adhesive is a water-based, ready-mixed, and reliable adhesive designed for bonding most types of commercial and domestic vinyl floor coverings. Repositioning is easy while adhesive is still wet, hence allows longer time for working in large areas. When it is cured, it can withstand normal wet cleaning practices.

Features

- ♦ Solvent-free
- ♦ Non-flammable
- ♦ Non-toxic
- ♦ High strength
- ♦ Ready mixed, easy to use
- ♦ Installation and clean-up is simple
- ♦ Long working time, easy repositioning
- ♦ Low odour and low VOC emission
- ♦ Environmentally friendly

Applications

Ideal for bonding vinyl sheet, Vinyl Composition Tile (VCT), vinyl plank, vinyl wall base, PVC backed carpets etc. on common types of subfloor surfaces like concrete, cement sand screeds or underlayment, plywood, hardboard or cement sheet underlays etc.

Technical Data

Specific gravity	: ~1.32
Solid content	: ~62%
Viscosity	: 200,000 – 300,000 cPs
Lap shear test	: >100 kPa

Approvals/ Specifications

AS-5820 meets the requirements of the following specifications:

- ♦ Low VOC - USEPA Method 24 and SCAQMD Method 304-91 under SCAQMD Rule 1168

Preparation

1. Substrate must be smooth, flat, clean, dry and free of moisture and alkali. Remove dirt, wax, grease, paints, oils, sealers, curing compounds and all foreign matter that would interfere with proper adhesion.
2. Fill all cracks, holes and low spots with a polymer modified, cementitious patching and levelling compound.
3. Highly porous concrete or timber subfloors should be sealed with primer to facilitate adhesion.
4. The adhesives should not be used in extremely hot or cold conditions (i.e. below 8 °C or above 35 °C).

Usage Instructions

1. Apply an even coat of adhesive to the subfloor using a 1.6mm V1 notched trowel for bonding vinyl floorings, or 3.2mm V3 notched trowel for hard-to-hold floorings like carpet.
2. Lay the vinyl into the wet adhesive, ensure 100% transfer of adhesive to the substrate and the flooring backing. Reposition when necessary.
3. Press vinyl evenly with roller to ensure complete contact between vinyl and subfloor.
4. After installation, do not allow foot traffic for 24 hours; heavy traffic or furniture placement for 72 hours; and do not wash floor for 5 days.

Coverage

- ♦ Approximately 3-5 square metres per litre depending upon the porosity of the substrate and the type of trowel used.



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Universal
Vinyl Adhesive**

Clean up

- ◆ Remove wet adhesive residue with a clean, white cloth dampened with soapy water.
- ◆ Use mineral spirits for dried adhesive residue, following warnings on the container.

Caution

Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

Disclaimer

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.