

UNIVERSAL ADHESIVE TECHNICAL SPECIFICATION

For installation of sheet vinyl, LVT and acoustic underlays.

- Powerful initial grab – commended by fitters who have worked with it
- Long working time
- High strength when fully set
- Suitable for areas of high footfall and castor wheel traffic
- Will not lose bonding strength at high temperature – up to a structural surface temperature of 50°C (subject to the limitations of the substrate and floor covering)

PRODUCT DESCRIPTION

High performance pressure sensitive and high temperature resistant adhesive.

Only for indoor use, for adhesion of homogeneous, PVC, floor and wall covering in tiles and membranes, textile floor coverings with latex smooth foam and latex stamped backs or PU foam backs.

Suitable for high temperature applications, including underfloor heating and exposure to direct sunlight, up to a maximum structural surface temperature of 50°C, if wet-set method is used.

STORAGE

12 months in unopened containers, stored under good conditions at temperatures between 5°C and 30°C.

APPLICATION

The adhesive is to be applied to the whole surface of the substrate with a suitable notched trowel (A2 notch recommended). The trowel notch and flash-off time depends on the covering type, site conditions and the backing of the floor covering. PVC coverings with rough or embossed backs must be laid in a still slightly moist adhesive bed, so that full-area transfer to the backing of the cover is achieved. With adhesive bonding, the optimal time for placing is reached when the adhesive bed starts to become transparent. The flooring must be laid at occupational operating temperature.

Milling and welding of seams can take place after 24 hours minimum. Afterwards they are to be well rolled in again. Leave to dry for a minimum of 72 hours before allowing any castor wheel traffic.

Underfloor heating must be switched off at least 48 hours before installation. It must not be switched on again for at least 48 hours after installation. Do not turn the system to full temperature immediately but raise the temperature gradually by maximum 5°C per day until desired operating temperature is reached.

TECHNICAL DATA

| Code | Tub size | Coverage | Pallet quantity |
|-------------------|-------------|--|-----------------|
| QAA-ADH-U1 | 5kg | Approximately 18-22m²* | 72 tubs |
| QAA-ADH-U2 | 10kg | Approximately 36-44m²* | 44 tubs |

*Subject to the substrate condition, the backing and type of the flooring and type of trowel used.

WORKING TIME

Flash-off time approximately 0 minutes (wet set) up to 40 minutes (pressure sensitive).

Open time maximum 40-50 minutes.

Curing time approximately 24 hours.

STANDARDS

All aspects of the installation of floor coverings must be in accordance with the requirements of the British Standard Code of Practice i.e. BS.8203 (Installation of Resilient Floor Coverings) and supplementary specifications.

PREPARATION

Proper subfloor preparation is essential to the correct installation of any floor covering. Subfloor surfaces must be sound, smooth, dry and free from dust and any contaminants that will affect adhesion. Anhydrite floors should have surface laitance removed and be primed with a suitable primer. Asphalt, waterproof surface membranes and non absorbent surfaces such as granolithic, terrazzo and quarry tiles must be skimmed with minimum 3mm of the appropriate smoothing compound.

UNDERFLOOR HEATING

Switch off underfloor heating at least 48 hours before installation and keep switched off until final adhesive strength is reached (72 hours). Thereafter increase the operating temperature to the desired level in steps of maximum 5°C per day.

MOISTURE TESTING

It is essential that moisture tests are taken on all concrete floors regardless of age or grade level with a minimum of three tests for the first 100 square metres. The test should be conducted according to Annex A (normative) – Dampness testing in BS 5325, BS 8203, BS 8425 and BS 8201 – using the Hygrometer Box Method or Hygrometer Sleeve Method. One test should be conducted for every additional 100 square metres of flooring. The test should be carried out in positions where moisture levels will be at their highest, such as near the room perimeter, near to columns or areas of poor ventilation or little exposure to sunlight.

The Relative Humidity (RH) of the subfloor must be less than 75% in accordance with the above test methods. If the test result is 70% or higher, a liquid damp proof membrane must be applied first. If the test result is greater than 75% the subfloor must be left to dry for longer.

ENVIRONMENT ADVICE

The surrounding temperature should be between 18°C and 23°C. The subfloor and flooring temperature should be between 15°C and 20°C. Air relative humidity range should be between 40% to 80%. Ensure sufficient ventilation during installation.

OTHER IMPORTANT INFORMATION

When working outside the ideal temperature and/or humidity range, the material properties may change significantly. Acclimatise materials accordingly before processing. To retain the product properties, no foreign materials may be mixed in. Only dispose of containers which have been emptied of residue in recycling. When dried, material residue can be disposed in the domestic waste. Product contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening. Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts. Protect from direct sunlight, wind and weather. Protect adjacent components. Make sure children cannot access the area. Avoid eating, drinking and smoking during application. Do not let it get into the sewage, drinking water or ground.

We highly recommend using a test surface first or a small area for initial, small-scale testing. Clean the tools with water immediately after use. Wear protective gloves. Wear protective goggles. If the adhesive or the laying material comes in contact with your eyes, wash immediately with plenty of water and contact an eye doctor. Protect your hands with waterproof, robust gloves. Wear long trousers. Avoid long periods of skin contact with the adhesive or laying material. Immediately and thoroughly wash affected skin with water. The longer fresh adhesive or installation product remains on your skin the greater the risk of serious skin damage. Keep children away from fresh adhesive or installation product.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted. Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

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