



# Spyder

## PERFORMANCE ADHESIVES

- REVOLUTIONARY ADHESIVE SYSTEM
- SUPERIOR STRENGTH + BOND

#wetrustthetrade

# S-PSA

## PRESSURE SENSITIVE ADHESIVE



Is a Fast Grab Acrylic based Pressure Sensitive Adhesive for bonding vinyl flooring, safety flooring, sheet rubber, cork and dimensionally stable LVT. It can also be used to install carpets with PVC, gel foam & felt backings. It can be used as a wet-bond, pressure sensitive or contact adhesive onto absorbent substrates and as a pressure sensitive or contact adhesive on non-absorbent substrates.



#### TECHNICAL DATA:

|                               |                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Container size:               | 5kg & 14kg plastic buckets                                                                                                         |
| Shelf life:                   | 12 months                                                                                                                          |
| Colour:                       | Off white                                                                                                                          |
| Coverage:                     | Up to 4m <sup>2</sup> per 1ltr (A2 trowel)                                                                                         |
| Open time:                    | 30 minutes*                                                                                                                        |
| Open time tiles / planks:     | 0 - 25 minutes*                                                                                                                    |
| Working time approx.:         | 30 Minutes* - Wet Bond<br>30 to 60 Minutes* - Pressure Sensitive<br>Up to 24 hours (if free from contamination) - Contact Adhesive |
| Minimum application temp:     | 15°C at ground level                                                                                                               |
| Loadable after approx.:       | 24-48 hours*                                                                                                                       |
| Joint sealing after:          | 24-48 hours*                                                                                                                       |
| Final strength after approx.: | 72 hours*                                                                                                                          |
| Storage:                      | Store between 5°C & 30°C (protect from frost)                                                                                      |

\*At 20 °C & 65% relative humidity, depending on the type of floor covering & the absorbency of the substrate.

S-PSA Pressure Sensitive Adhesive offers excellent resistance to heat and PVC plasticisers and is suitable for use over normal underfloor heating systems.

**SUBFLOOR PREPARATION:** All parts of the installation should comply with the latest edition of the following British Standard Code of Practice: BS8203 - Installation of resilient floorcoverings or BS5325 The Installation of Textile Floorcoverings. Suitable subfloors include concrete, sand/cement screed, smoothing underlayment, and flooring grade plyboard. The subfloor must be sound, load bearing, level, dry, free from cracks, clean and free from material which would impair adhesion (e.g. dirt, oil, grease). The surface must be vacuumed, primed, and smoothed thoroughly. Very absorbent subfloors should be primed with a Universal Primer.

**UNDERFLOOR HEATING:** Underfloor heating systems should be commissioned in accordance with the heating manufacturer's instructions before installation. The underfloor heating system should be stabilised at room temperature, but not below 15°C, before installing the floorcovering. After installation allow 48 hours of constant temperature for the adhesive to fully cure before slowly increasing the temperature up to the normal operating temperature of the area. This adhesive is suitable for use over underfloor heating, however, if a floor covering is being installed in areas with extreme temperatures, for example, a south facing building with large windows which could magnify the temperature, a polyurethane adhesive is recommended. If in doubt, please consult our Technical Department.

**APPLICATION:** Allow adhesive to reach room temperature before use. Before bonding floor coverings must be adequately acclimatised and free from tension and must be adapted to the common indoor climate for future use. Optimum work conditions are 18 - 25 °C with a

floor temperature above 15 °C and relative air humidity below 65 %. Low temperatures and high air humidity lengthen, whilst high temperatures and low air humidity shorten the drying time. **WET BOND:** Apply the adhesive uniformly with an appropriate notched trowel at 60° to an area of such size that the floorcovering can be laid whilst the adhesive is receptive and gives good transfer.

**PRESSURE SENSITIVE:** Apply the adhesive as with a wet bond. Lay into the adhesive while the adhesive has a slight tack (normally 30 to 60 minutes). To reduce to effect of shadowing, the adhesive should be smoothed out whilst wet with a paint roller that has been prewetted with adhesive. Lay into the adhesive while the adhesive.

**CONTACT ADHESIVE:** Apply the adhesive to both surfaces to be bonded by brush or roller. Allow the adhesive to completely dry before bringing the 2 surfaces together. Please note an immediate bond will be created once the surfaces meet. Once the installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller. This is to remove any air and ensure good all adhesive contact. A second rolling is recommended approximately 2 hours later to ensure a strong bond is established. \*Please note that a laying into the adhesive wet will result in a stronger final bond on porous subfloors\* Remove adhesive residues with water while still wet.

**HEALTH AND SAFETY PRECAUTIONS:** Refer to Safety Data Sheet and follow the advice given. Ensure area of use is well ventilated. Avoid prolonged contact with skin and if sensitive, use barrier cream or gloves. In case of contact with eyes, mouth or nose, rinse with plenty of water and seek medical help. If adhesive is spilled, remove, and dispose of it according with national and local regulations for waste materials.

**DISCLAIMER** The Information provided herein, especially recommendations for the usage and the application of this products, is provided in good faith, and no liability on the part of AFT Aerosols Ltd is stated or implied. No employee of AFT Aerosols Ltd has the authority to waive or alter in any way the content of this document. Due to different materials used, as well as to varying working conditions, production techniques, and the requirements of the end users, all of which are beyond our control, we strongly recommend that thorough and extensive trials are carried out in order to test the suitability of our products with regard to the required processes and applications. This should also include an ageing test which should be applied to all substrates used. It is also the responsibility of the purchaser and user of this product to ensure that all appropriate actions necessary for the protection of the environment, and for the health and safety of their employees are observed. This datasheet replaces all former versions.

● 10 YEARS OF DEVELOPMENT ● REVOLUTIONARY ADHESIVE SYSTEM ● SUPERIOR STRENGTH + BOND ● TESTED TO INDUSTRY STANDARD

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