

# AF 131

## Adhesive for vinyl floor covering sheet and tiles

### DESCRIPTION

AF 131 is water-based, low odour, solvent free, polymer emulsion-based single component floor covering adhesive containing a blend of high quality dispersions, mineral fillers and water. AF 131 has a long tack time, with very good early and long term adhesive strength. AF 131 is designed for adhering PVC/vinyl floor covering sheet and tiles with foam and PVC backings.

### USES

- As an adhesive for all types of vinyl (PVC and vinyl tiles or cushioned type flooring) and most carpets
- Can be applied on chip board, hard board, plywood etc
- Designed for use on concrete and sand/cement screeds, levelling and smoothing compounds, terrazzo.

### FEATURES

- Good initial tack
- Extended tack time
- Economical
- Water-based, solvent free formulation
- Very low odour
- Easy to apply
- Can be used on vertical surfaces
- Single component product
- Floor covering adhesive for internal use

### PHYSICAL PROPERTIES

AF 131	@ 27 ± 1°C
Specific gravity	1.29 g/cc
Open/drying time	Up to 40 minutes depending on room temperature/humidity and absorbency of the sub-floor
Colour	Cream
Consistency	Viscous liquid
Bond strength	> 1.0 MPa
Cleaning Agent	Before drying - water and clean wet cloth
VOC	9 g/l

### COVERAGE ESTIMATES

Pack Size	Coverage
5 kg	Approx. 4.5 - 5.0 m <sup>2</sup> /kg

### APPLICATION INSTRUCTIONS

#### Surface Preparation

The sub-floor surface must be smooth, hard, clean and free of barrier materials. Ensure the relative humidity of the concrete or sand/cement screed is < 75% before commencement of work.

**Note:** Any dust on the surface should be removed, preferably using suitable vacuum equipment, prior to applying AF 131 as it can affect both the yield and performance of the floor covering adhesive.

Any repair, levelling or smoothing should be carried out using the relevant surface preparation product and allowed to dry prior to application of the adhesive.

#### Application

AF 131 should be applied evenly to the prepared substrate using a notched trowel or serrated spatula. The adhesive should be applied in sweeping motion to avoid forming concentrations of adhesive.

Apply the adhesive over a floor/wall area that can be covered by a floor/wall covering within the working time of the adhesive. The floor/wall covering may then be applied directly on to the wet adhesive on absorbent backgrounds. Alternatively, the adhesive can be allowed to develop surface tack prior to applying smooth or impervious backed floorings.

The flash-off (surface tack) time is typically 15 to 25 minutes depending upon temperature, humidity and porosity of the substrate and the size of notch trowel used.

Roll the flooring using a flooring roller or smoothing blade as appropriate, from end to end and from side to side, to ensure full overall contact with the adhesive is achieved without air entrapment.

**Note:** Do not subject the floor to loads, loaded trolleys, or move fixtures, furniture, etc., onto the flooring until the adhesive has fully set, typically 48 hours.

Do not allow the floor to be wet cleaned immediately after the floor covering has been installed. Allow 48 hours of time for the bond to develop.

### STORAGE AND SHELF LIFE

AF 131 has a shelf life of 6 months if kept in a dry, clean store between 5°C and 30°C in the original unopened container. The product should be protected from frost, away from direct sunlight and sources of heat.

### PRECAUTIONS

Keep out of reach of children, wear suitable protective clothing gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

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### DISPOSAL/SPILLAGE

Spillage of the product should be absorbed onto sand or other inert materials and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

For further information please refer to the Material Safety Data Sheet.

### CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

### NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.



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