

Karndean Pressure Sensitive Adhesive

Product data sheet

Description:

Karndean PS Adhesive is a specially developed dispersion adhesive for bonding of PVC coverings to prepared subfloors.

Technical Data:

Airing Time @ 20°C	10-15 minutes
Open Time	Approximately 3 hours
Coverage	Approximately 4m ² per litre
VOC status	EC1 Plus compliant

Damp Subfloors:

Prior to the installation of floorcoverings the Relative Humidity of the subfloor should be checked using a Hygrometer and if the Relative Humidity of the subfloor is 75% or less, installation can proceed.

Above this value, it is necessary to treat the subfloor with an epoxy waterproof surface membrane system.

Substrate Preparation:

Site conditions must comply with relevant British Standards. Subfloors should be even, free from cracks and free from any contaminants including surface hardeners and additives that may hinder adhesion.

It should also have an effective damp proof membrane and be permanently dry. The only British Standard approved test for dryness is by properly calibrated and insulated hygrometer giving a reading of less than 75%RH.

Very absorbent, uneven concrete or sand/cement subfloors should be primed, then screeded with a smoothing compound to a minimum depth of 3mm and allowed to dry overnight.

We recommend that asphalt subfloors and other non-absorbent subfloors should also be primed, then screeded with a smoothing compound to a minimum depth of 3mm and allowed to dry overnight.

It is recommended that all chipboard and timber subfloors are overlaid with flooring grade plywood (min 6mm) and Skim Coat should be applied to remove screwheads and board joints, or alternatively an application of fibre reinforced smoothing compound, prior to application of adhesive.

Application Guidelines:

Should be installed in accordance with BS8203: 2001 (Installation of resilient floorcoverings). Material should be acclimatised at 18–26°C for 24 hours prior to laying and maintained at 18–26°C during and for 24 hours after installation. Subfloors must be smooth, hard, clean and dry before laying. Uneven, solid or suspended timber subfloors may need preparation to meet the required standard.

A DPM must be incorporated in direct to earth concrete subfloors.

Karndean products must be laid with the appropriate adhesive. For areas subject to excessive direct sunlight Karndean HT is recommended. For areas subject to surface moisture Karndean Epoxy is recommended.

Best used as a semi-dry/tack adhesive. Once adhesive has reached the semi-dry tack condition you will have approximately 2 hours working time. (Avoid dust and contamination on dried adhesive).

Karndean PS Adhesive should be spread evenly over the floor surface with an A2 trowel; the adhesive should be spread with a sweeping motion.

Finishing:

It is essential to ensure good overall contact between the floorcovering and the adhesive, we recommend that the floorcovering is rolled with a 68kg roller or hand roller.

Important Information:

Underfloor heating must be switched off at least 48 hours before, during and after installation.

Do not apply loads or move furniture on the floor covering until the adhesive has fully set.

This adhesive is suitable for interior applications only.

STORAGE - Store between 5°C and 30°C and protect from frost.

SHELF LIFE - 12 months stored in accordance with the above.

Health & Safety:

Reference should be made to the appropriate MSDS for this product.

A safety data sheet is available for professional users.

For more information, please contact:

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