

Karndean HT+ Adhesive

Product data sheet

Description:

Karndean HT+ Adhesive is a fibre reinforced dispersion adhesive with excellent resistance to high temperature variation/areas of high solar heat gain and PVC plasticisers making it suitable for use in areas such as conservatories and floor areas adjacent to ground to floor windows.

Solvent free EC1+, protected against bio-degradation and suitable for use over normal underfloor heating installations. Easy to apply, high initial grab and reduced lateral movement of LVT when installing. Easy to clean off tools and surfaces without the need of chemicals.

Karndean HT+ Adhesive can be applied to a wide range of dry absorbent subfloors of concrete, sand / cement screed, synthetic anhydrite, floor smoothing underlayments, flooring grade chipboard, plywood and hardboard.

Non-absorbent subfloors should be smoothed with the appropriate floor smoothing underlayment.

Sound asphalt must be skimmed with a minimum of 3mm of an appropriate smoothing underlayment.

Technical Data:

Airing Time @ 20°C	5 minutes
Open Time	Approximately 30 minutes
Coverage	Approximately 4m ² per litre
VOC status	EC1 Plus compliant

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 in accordance with the current Karndean installation guide and BS8203: 2017 or local standards.

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.

Wet Setting:

For all subfloors the floorcovering should be laid into the adhesive whilst wet ensuring a good transfer to the backing. Karndean High Temperature+ Adhesive should be applied to the subfloor using an A2 trowel.

The adhesive should be spread with a sweeping motion at 60° angle with the floorcovering laid in as little as 5 minutes but within the maximum open time of 30 minutes 20°C.

Times may vary due to humidity, temperature and site conditions. It is advisable to work section by section to avoid exceeding the working time of the adhesive.

Finishing:

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

Cleaning of Tools:

Clean immediately after use with water.

Cleaning of Surfaces:

Karndean HT+ Adhesive should be removed from surfaces immediately with a damp cloth.

DO NOT ALLOW TO DRY.

Important Information:

It is important to maintain stable, ambient conditions within the first 24 hours of installation. Extremes of temperature can occur between the day and the night times, it is essential that these be avoided. South facing windows and all conservatory windows should be shaded to minimise daytime fluctuations. Heating systems should, when necessary, be left on overnight to achieve a constant temperature similar to that of the daytime. The temperature needs to be maintained prior to, during and for at least 24 hours after the installation is completed to allow the adhesive to cure so as to minimise any movement within the floorcovering caused by significant temperature changes.

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 - 12 months under good storage conditions in original, unopened containers. Keep out of direct sunlight at a temperature of between 5°C and 30°C.

Health & Safety:

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

A safety data sheet is available for professional users.

For more information, please contact:

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