Pedigree

Karndean Designflooring

Installation Guide

Installation Standard

Generally Pedigree Carpets are installed to AS/NZS 2455.1: 2007. In cases where the carpet has an impervious backing – example "Pedigree Smokey" – then the subfloor should be prepared to AS 1884: 1985 ensuring that the substrate is sufficiently absorbent to allow the adhesive to disperse in order to tack-up and cure.

Prescribed Adhesives

Indoor Use: Only use Karndean Fibre-Bond adhesive. This is a strong water based co-polymer adhesive which is solvent free and low odour.

Outdoor use: Only use Karndean Fibre-Bond UV adhesive. This is an outdoor all-weather waterproof and heat resistant solvent based adhesive which is classed as "flamma¬ble". It will bond securely to cured concrete, asphalt, exterior grade timber and other clean, smooth, level paved surfaces.

Sub Floor Requirements

Subfloors must generally be permanently dry, smooth, level, clean and constructed to provide a firm foundation.

Concrete: Uneven concrete floors must be overlayed with a self-leveling compound and a damp proof membrane must be incorporated. Dampness tests must be made and a newly poured concrete slab should be to a hand-trowel finish with sufficient absorbency for the adhesive to disperse and must be allowed to become completely dry

Timber / Floorboards: These must be firm, smooth and even. All timber floors must be completely overlaid with flooring grade hardboard ("Maisonite" or similar) to AS2458

Particleboard and Chipboard: These types of substrate must be covered with flooring grade hardboard ("Maisonite" or similar) in order to eliminate later potential movement

MDF: "Thinline" or similar. Suitable provided the MDF is a minimum of 6mm thickness and sanded to remove the hardened surface and then primed ("Polymer 6000" or similar) thus making the MDF sufficiently absorbent for the adhesive to disperse

Cement Sheet: Suitable provided the sheets are first primed ("Polymer 6000" or similar) because this type of substrate is highly absorbent and has the potential to disperse most of the spread adhesive

Directions for use

- Dusty or highly absorbent floors must be initially primed with an acrylic primer ("Polymer 6000" or similar)
- Spread the adhesive using a 3.2mm x 3.2mm "V" notched trowel known as a "V3" size trowel
- All pieces of Pedigree carpet to be installed in the same general area must be of the same dye-lot indicated on the label or delivery ticket
- Ensure all runs are pattern matched if the design has a pattern repeat
- All runs of the carpet in each general area must be laid in the same direction
- The carpet is non-fray and pre-trimmed to permit butt joining most times, but this is not guaranteed. If in doubt, trim all selvedge edges using a parallel cutter or similar tool to ensure a good butt join. Treat cross joins in the same manner as above. Overlapping and cutting must be carried out where necessary
- For hard to hold runs – particularly those with a stiff backing such as "Pedigree Smokey" and ALL outdoor installations when using Karndean Fibre-Bond UV adhesive – it will be necessary to allow a short tack-up time of approximately 15 minutes dependant upon humidity (see next item). Roll instantly and again within one hour of laying in the sheets using a 30kg floor roller. Note that rolling is essential
- To test that the adhesive has tacked-up sufficiently place a small piece of carpet into the adhesive, then when pulled away strings of adhesive should be apparent. If no tack or holding power during this test, then wait five minutes, re-checking every few minutes thereafter
- WARNING: Whilst most Pedigree carpets are acrylic coated and "breathe", thus allowing air and moisture to disperse through the pile, beware that "Pedigree Smokey" has a totally impervious gel backing and the rules applying to subfloor application under AS1884: 1985 apply, whereby the substrate must be sufficiently absorbent to allow the adhesive to disperse
- Heavy traffic and wet cleaning for indoor applications must be deferred for 3 days until the adhesive has completely cured. For outdoor applications do not allow heavy traffic for 24 hours and do not install in rain or if rain is expected during or immediately after installation

Adhesive Application - Fibre-Bond

- Trowel Size: V3 3.2mm x 3.2mm
- Spread Rate: Approximately 2 square metres per litre depending upon the condition of the prepared floor and that the V3 trowel is not worn
- Clean Up: Water whilst wet. Mineral turps on dry film
- Flammability: Non hazardous, non flammable
- Solvent and Odours: Solvent free and low odour

Adhesive Application - Fibre-Bond UV

- Trowel Size: V3 3.2mm x 3.2mm
- Spread Rate: approximately 3 square metres per litre depending upon the condition of the prepared floor and that the V3 trowel is not worn
- Clean Up: Equipment and adhesive with "Polymer Cleaner No-2" or similar
- Flammability: Flammable. Risk R10. Do not use next to a naked flame. No smoking
- Solvent and Odours: Solvent based. Contains Naphtha (petroleum) hydrotreated light <50%. Heptane <50%. Use only outdoors
- Safety Directions: Irritating to skin. Risk R38. Avoid contact with skin and eyes. Wear suitable protective clothing, eye protection and gloves. Do not breathe vapour
- First Aid: If swallowed, do NOT induce vomiting. In contact with eyes, rinse immediately with plenty of water. Contact a doctor or the Poisons Information Centre for advice: AUS: 13 11 26. NZL: 0800 764 766

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