



ACOUSTICAL

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SURFACES INC.

Soundproofing | Acoustics | Noise & Vibration Control

DA 5 – Solvent-Free “Hi-Tack” Carpet, Under-Carpeting & Rubber Flooring Adhesive

ADVANTAGES

- Freeze-thaw stable water-based adhesive
- Ready to use - no mixing required
- Contains no mineral solvents
- Low VOC – low odor
- Quick setting, high initial tack
- Reduces seam-splits
- High bond strength

DESCRIPTION

DA 5 Adhesive is a homogeneous ready-to-use high-performance “Hi-Tack” solvent-free low VOC low-odor freeze-thaw stable acrylic latex emulsion based adhesive specially formulated for reduced seam-splits and easy long performing successful installation of most types of carpet, under-carpeting and rubber floor covering. *(Refer to the carpet, under-carpeting and/or rubber flooring manufacturer’s setting instructions, limitations and guidelines).*

USES

For INTERIOR installation of jute-backed, woven, needle-punched, rubber or sponge-rubber, polypropylene (ActionBac®), hot-melt (Unibond®), latex unitary, closed cellular urethane and Enhancer®-backed carpets, under-carpeting and homogeneous rubber floor covering over most dry, clean, properly prepared standard substrates normally recommended and/or guaranteed by the carpet or rubber floor-covering manufacturer and/or by the sub-floor preparation product manufacturer. *(Refer to the carpet and/or floor-covering product manufacturer’s setting instructions, limitations and guidelines for details).*

LIMITATIONS

- **DO NOT USE** for exterior installation
- **DO NOT USE** when the ambient and/or substrate temperatures are below 10°C (50°F) or above 35°C (95°F) and in ambient relative humidity conditions higher than 65%.
- **DO NOT USE** this adhesive to install urethane-unitary or vinyl-backed carpets.
- **DO NOT USE** this adhesive to install vinyl-backed floor covering and/or Mondo or Amtico type rubber floor covering sheet goods.
- **DO NOT USE** this adhesive to install mineral fiber-backed vinyl sheet floor coverings.
- **DO NOT INSTALL** carpet, under-carpeting or rubber flooring directly over damp concrete or over “On-Grade” and “Below-Grade” concrete slabs in high moisture or high water table areas. In all cases, the moisture vapor emission of the substrate must not exceed 1,36 kg per 93 m² (31b per 1000 sq. ft.) per 24 hours when tested with the calcium chloride tester (ASTM F-1869).
- **DO NOT USE** this adhesive over gypsum-based patching and levelling compounds. For Substrate preparation, use only the appropriate cement-based PROMA leveling and/or patching product.

Caution: Do not roll or use a floor-roller to place or smooth-out cushion-backed carpets. Use a carpet-core instead.

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RECOMMENDED SUBSTRATES

- Properly prepared clean, dry, fully cured concrete (at least 28 days old), free of moisture, rising moisture and alkaline conditions.
- Cementitious screeds, rendering, levelling coats and mortar beds.
- Exterior Glue Plywood and OSB panels that are recommended and/or guaranteed by the wood underlayment manufacturer, the rubber flooring manufacturer or the carpet manufacturer. *(For more details, refer to the rubber flooring or carpet manufacturer's setting instructions, limitations and guidelines).*
- Properly prepared and levelled embossed vinyl flooring using a floor patching system for residential and light commercial duty floors only. *(Please contact Acoustical Surfaces's representatives for complete details and recommendations).*
- Properly prepared existing vinyl composition tile. *(Please contact Acoustical Surfaces's representatives for complete details and recommendations).*

TROWEL GUIDELINE/APPROXIMATE COVERAGE

1/8" x 1/8" x 1/8" (square notched): 90-110 ft²/gal

1/4" x 3/16" x 1/2" ("v" notched): 125-175 ft²/gal

1/8" x 1/8" x 1/8" ("v" notched): 185-235 ft²/gal

Note: Clean or change trowel often to prevent adhesive build-up.

MIXING

- Ready-to-use. No mixing required. Just remove the container-lid and spread the adhesive.

INSTALLATION INSTRUCTIONS

- Refer to the Rubber-Flooring, carpet and under-carpeting manufacturer's product instructions and the relevant industry standards as to the requirements and procedures concerning site conditioning, substrate preparation and materials handling, conditioning and installation.
- All rubber floor-covering, carpeting, under-carpeting, adhesive, sub-floor preparation products and substrate should be acclimatized and maintained at normal room temperature [$\pm 23^{\circ}\text{C}$ (73°F)] for a period of a least 24 hours before installation, during installation and 48 hours after.
- Use the appropriate notched trowel/spreader (See Trowel Guideline Table) as recommended by the rubber floor covering manufacturer or carpet manufacturer to ensure adequate adhesive contact *(usually $\pm 95\%$ of the back-face of the floor covering).*

OPEN TIME

- At room temperature, ($\pm 23^{\circ}\text{C}$ (73°F)) the Open time of this adhesive may vary between 30 to 35 minutes depending upon its amount of exposure to moisture.



STOP NOISE

TM

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PROTECTION

NOTE: Generally, at room temperature and 50% Rh conditions, this adhesive will dry in about 24 hours.

- Avoid unnecessary walking on the floor during the installation.
- Protect floors from traffic for at least 24 hours.

CLEAN UP

- As the carpeting or rubber floor covering is being installed, immediately wipe-off wet adhesive smudges and excess adhesive from the surface with a WHITE cloth dampened with water while the adhesive is wet or with mineral spirit if the adhesive has dried.
- Do not allow adhesive to dry on the carpet or flooring surface, as cured adhesive is more difficult to remove.
- Promptly clean tools and hands with water while the adhesive is fresh.

PROTECT FROM FREEZING

Although this adhesive is freeze-thaw stable to -18°C (0°F), it should be protected from freezing like any water-based latex products. If the adhesive is or has frozen, do not stir or use the product until it has completely thawed.

WARRANTY

The manufacturer disclaims all other warranties, expressed or implied, including the warranties of merchantability and fitness for a particular purpose. The buyer's sole remedy for non compliance with this warranty shall be for the replacement of the product or refund of the buyer's purchase price. In no case will the manufacturer be liable for direct, consequential, economic or other damages.