

Non-Textile Flooring Installation Suggestions

Application Guide

October 2010 • Page 1 of 2

Tools & Materials Required

- Schneller Non-Textile Flooring (e.g. AerMat™, PanFlor™, AerFusion™)
- Sharp Razor Knife
- Straight Edge
- Industrial or all-purpose floor cleaner
- Small Hand Squeegee
- Double Face Tape:
There are a variety of double-faced tapes on the market:
 - Polyken 108 - Flame retardant double-faced tape is available from Tyco Adhesives. More information can be obtained by calling Tyco at 1-800-343-7875 or by visiting their website at www.tycoadhesives.com.
 - Orcotape OT-40 is a double-faced, reinforced polyester tape available from the Orcon Corp. More information can be obtained by calling 1-800-227-0505 or by visiting their website at www.orcon.com.
- OPTIONAL: Template of aircraft floor
- OPTIONAL: Moisture barrier
 - A 3M™ Polyurethane protective tape, designated #8671, has been successfully used as a moisture barrier. This protective film is a durable thermoplastic elastomer with an acrylic pressure sensitive adhesive. Further information on this product can be obtained from 3M™ by phone at 1-800-362-3550 or by visiting their website at www.3M.com.
 - Polyvinyl chloride film, designated P-306L, available from Permacel®. Further information can be obtained on this product by calling 1-800-755-TAPE or by visiting their website at www.permacel.com.
- Sealant:
A Silicone sealant that can be used to seal edges and custom color-matched to the Schneller NTF is Schneller *AerSeal™*.

Fitting of Schneller Non-Textile Flooring

- Remove all trim and thresholds where necessary. Schneller Non-Textile Flooring may be installed under doors, lavatories, galleys, entryways and closets to aid in floor retention and sealing.
- Measure, cut and fit a template in the area to be covered. This is an optional step but may aid in the application of Schneller Non-Textile Flooring.
- Use the template and cut the Schneller Non-Textile Flooring to size using a sharp razor knife. Many times it is better to leave an extra 1-2 inches and finish trimming the Schneller Non-Textile Flooring to exact size in the aircraft.

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Application Guide

October 2010 • Page 2 of 2

Preparation of Floor

- Clean floor with industrial strength floor cleaner.
- Allow floor to dry well, making sure that all moisture is removed before installation of the Schneller Non-Textile Flooring.
- Vacuum floor to remove all grit and dirt ensuring a clean bonding surface.

Application of Optional Moisture Barrier

- Cut and fit the moisture barrier to the designated area.
- Peel off the protective paper backing on one end for approximately 4-6 inches and start adhering to the floor with a squeegee.
- Continue peeling the paper backing from the moisture barrier and squeegee to the floor until completed.

Application of Double-Faced Tape

- Apply a double-faced tape on the cleaned floor (or moisture barrier). This can be applied at a minimum of around the perimeter and every four inches across the application area. To ensure a uniform bonding surface, it is possible to also apply the double-faced tape to the entire surface.

Installation of Schneller Non-Textile Flooring

- Beginning with the center of the area, peel off the protective layer from the double faced tape over half of the area to be covered.
- Carefully lay the Schneller Non-Textile Flooring in place beginning in the center of the application area and slowly apply pressure into the tape and around the edges.
- Remove the remaining protective paper from the double faced tape and complete the lay-in process beginning in the center and working outward.

Re-Installation

- When re-installing either the threshold or joint strips, care must be taken to fill the gaps between the strips and the Schneller Non-Textile Flooring with a sealant. This is suggested in order to minimize the likelihood of liquids seeping through the joint and becoming trapped between the Schneller Non-Textile Flooring and aircraft floor boards.
- A sealant should also be used along the edges of the Schneller Non-Textile Flooring to seal liquids from migrating and becoming trapped under the flooring.