



# COMMERCIAL FLOORING

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## TRANSITIONAL ADHESIVE TECHNICAL DATA SHEET

**KAHRS Transitional** is an acrylic-based adhesive formulated with high bond strength and shear resistance for installing Commercial Quartz, and Zero Sheet flooring. KAHRS Transitional offers excellent initial tack that transitions to a firmer bond and has very low odor for installations in health care facilities, schools, and offices. It is made with a broad-spectrum antimicrobial to improve mold and fungal resistance.

**Site Preparation:** Suitable substrates include above, on or below grade concrete (within moisture and alkalinity specifications), APA underlayment grade plywood and radiant heated floors (85°F and below). All substrates must be flat, clean, smooth and dry, free of waxes, existing adhesives, dirt or dust, grease, oil, solvents, paint curing compounds or sealers. Do not use on chemically cleaned substrates or over treated plywood substrates. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65° - 85° F, and the humidity between 40% - 65% for 48 hours prior to, during, and after the testing and installation.

**Moisture Limits:** 85% Relative Humidity as measured per the latest version of ASTM F2170, pH of 8.0 - 11.0. Impedance meter readings should not exceed 4%. All substrate preparation and testing procedures must conform to appropriate ASTM guidelines and comply with the specific floor-covering specifications.

**Porous substrates:** **Zero Sheet Flooring** may be placed into adhesive after 10 - 25 minutes open time (flash-off) over a porous substrate, while the trowel ridges are still semi-wet, opaque, and transfer to the finger when touched. **Quartz Tile Flooring** may be placed into adhesive after a full flash off time into dry adhesive film.

Roll the installation in both directions with a 100 lb. 3- section roller immediately after flooring is placed, ensuring complete contact with adhesive.

**Non-porous substrates:** **Zero Sheet Flooring** Install flooring into the adhesive as it starts to become dry to the touch with little or no transfer to finger while trowel notches are still slightly opaque. This will normally require 30 - 60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into fully wet adhesive on non-porous substrates. **Quartz Tile Flooring** may be placed into adhesive after a full flash off time into dry adhesive film.

Roll the installation in both directions with a 100 lb. 3- section roller immediately after flooring is placed, ensuring complete contact with adhesive.

**Working Time (Zero Sheet):** Up to 1 hour depending on temperature, humidity, and substrate type.

**Working Time (Quartz Tile):** When used as a Pressure Sensitive Up to 4 hours depending on temperature, humidity, and substrate type.

**Trowel Size:** Over porous substrates - 1/16" x 1/16" x 1/16" V-Notch (Coverage = 180 - 200 square feet per gallon).  
Over nonporous substrates - 1/16" x 1/32" x 1/32" U-Notch (Coverage = 220 - 260 square feet per gallon).

**Traffic:** Restrict foot traffic, furniture placement, and rolling loads for 24 hours after installation. Additional time may be necessary if the installation is over a non-porous substrate. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

**Clean Up:** Use a clean wet cloth to clean up adhesive while still wet; dried adhesive may require the use of an appropriate solvent.

**Shelf Life:** 1 year from manufacturing date in unopened, properly stored container. Avoid excessive heat or cold. Protect from freezing.

### **Certifications and Indoor Health:**

- IEQ Credit 2.1, 2.2; Low Emitting Materials
- FloorScore certified
- VOC Content is below that established by California SCAQMD Rule 1168
- California Section 01350 compliant

**Disclaimer:** Users should determine the suitability of this information or product for their own purpose or application. Manufacturer is not responsible for the misuse of this product. This Technical Data sheet and the information conveyed herein supersede all previous versions.