CONTRACT180

HRK
HYBRID RESILIENT KONCRETE

PRODUCT DESCRIPTION

HRK - HYBRID RESILIENT KONCRETE IS A TYPE OF FLOORING THAT COMBINES THE AESTHETIC APPEAL OF TRADITIONAL CONCRETE WITH THE DURABILITY AND FLEXIBILITY OF RESILIENT FLOORING MATERIALS.

PRIOR TO INSTALLATION

Inspect the Material

Before installing, check all material for correct color, design, size, and quantity to complete the job. Checking all material before installation can assure that the job won't be delayed. Complaints with regard to clearly identifiable defects can't be accepted once the flooring has been laid. Contact your distributor immediately for visible defects to the material.
Boxes of tiles should be removed from pallets and separated from one another as part of the acclimation process.

Job Site Condition

- Maintain all flooring material and adhesive between 65°F (19°C) and 85°F (30°C) for at least
- 48 hours before installation, during installation, and after installation to ensure proper product and adhesive functionality.
- The minimum temperature of the sub-floor should not be under 50°F.
- The recommended relative humidity inside the room should be between 35% and 65%
- Heat should be maintained in areas to receive flooring with the building's permanent heating system.
- Fully functional HVAC systems are the best way to ensure temperature and humidity control.
- All flooring material must be stored flat and kept away from direct sunlight, heaters or air vents for proper conditioning.
- The work must be completed with an inspection. Ensure that the newly laid floor is free from adhesive residues.
- The installation should not begin until the works of all other trades have been completed.

Sub-Floors

- Proper preparation of the sub-floor is an important part of a successful installation.
- No floor covering installation is better than the sub-floor over which it is installed. The finished appearance and performance of the floor covering will be determined and affected, in part, by the condition of the sub-floor.
- HRK is a very hard, flat material that will show sub-floor irregularities if not properly preparedbefore installation.
- Wood subfloors may require a bit more preparation.
- Existing glue and debris removal to include skim coat with a Portland based, feather finish application which important to a successful outcome.

- It should be rigid, finished smoothly, flat, level, clean and dust free.
- Take care to ensure that your CONCRETE substrate is properly prepared to receive the new flooring. The substrate must be smooth, flat and free from paint, dirt, drywall mud or dust, residual adhesives, nails or other fastening devices, improper underlayment, alkali deposits, mold or mildew. Extra work here will prevent bumps, ledging and other visual imperfections that despite not being product-related, may affect your customer's acceptance of your work.
- Concrete Vapor Emission and Hydrostatic Pressure Considerations: Older building, or buildings without "under slab" aggregate and plastic sheeting (5 mil vapor barrier) will require special attention regarding concrete cold joints, concrete trench repairs and concrete slabs with large cracks exceeding 1 /4 inch.
- Cold joints and cracks over 1/4 inch shall be so cut and filled with recommended UZIN #KR518 with light sand broadcast.
- Cold Joint and large crack areas are to be "crack chase" with a V notch grinder.
- Moisture content (tested with a pin-type meter) should not exceed 13%.
- Suspended wood floors are acceptable as long as there is at least 18 IN of well-ventilated space below the floor-and if over dirt, the surface of the ground is covered with a minimum 5mil vapor barrier.
- The manufacturer does not recommend installation where wood is fastened directly to concrete or wood set on sleepers.
- HRK is safe to install where moisture conditions approach 99% RH, utilizing Mapei Ultrabond ECO 399.

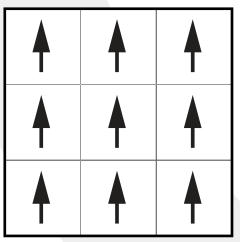
INSTALLATION

HRK (18 IN x 36 IN tiles) is installed just like other tile floors.

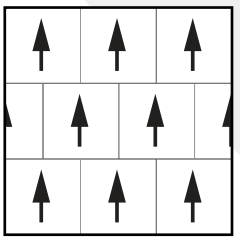
Snap center line N-> S and E-> Wand work from the center into each quadrant, laying the tiles tight to one another. Make sure your center lines intersect at 90 degree angles.

INSTALLATION METHODS

* Customer communication with regard to layout and installation method is important to the customver's expectation and satisfaction with the appearance of the finished installation.



Monolithic: Material arrows running in the same direction.



Brick: Material arrows running in the same direction in a staggered
configuration.

- CONTRACT180 recommends the following adhesives:
  Mapei Ultrabond ECO 399

- Follow all Adhesive Manufacturer Instructions

For Cleanup

- While product is still wet: use a damp cloth and water to remove.
- While product is still soft: use denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.
- Always roll the floor with a 3-section, 100 lb. roller to fully engage the tiles with the adhesive.
- When you're done, inspect your work!
- Make sure all your seams are tight and there is no adhesive residue on the surface of your new floor.

POST- INSTALLATION

- If you utilize Mapei Ultrabond ECO 399, the floor is available in 6 hours for light foot traffic, and 12 hours for heavy traffic. Wait 48 hours for heavy rolling loads.
- Never drag furniture or heavy items on the new floor. Use appropriate moving devices that protect the new floor.
- Protect the floor with walk-off mats (NO RUBBER BACKED mats).
- Whenever possible, use furniture glides and protectors.
- Make sure all rolling chairs have fully functional casters that are designed specifically for resilient flooring.
- is suitable for installation on floors with underfloor heating systems. However, it is crucial that the underfloor heating system be turned off for 48 hours BEFORE and 48 hours AFTER installation. Once the waiting time is complete, the underfloor heat can be increased by no more than 5° per day until it reaches the maximum of 80°.