



XCR⁴ CORK RUBBER FLOORING

TECHNICAL DATA

Document #221

Product Description: XCR⁴ flooring is a unique flooring material made with a blend of cork and rubber. XCR⁴ is intended for use in low and high traffic commercial and residential installations where a highly durable, easy to maintain surface is desired.

Surface Profile: Smooth

Size: 24" X 24" nominal (602 mm X 602 mm) 3.9 square feet per tile.

Thickness: 2.5mm (1/8" nominal)

Packaging: 78 square feet (20 tiles) per carton

Weight: 3.2 lbs per tile, 70 lbs per carton

Carton Dimensions: 24.25" X 24.25" X 2.25"

Fade Resistance: All pigments used in the manufacture of XCR⁴ are chosen for their high level of fade resistance; however fading is possible in areas where direct sunlight is present.

Resistance to Water: XCR⁴ is highly resistant to damage from water and is therefore suitable for locker rooms, bathrooms and other areas subjected to surface moisture. Follow specific installation instructions for these types of installations.

Rolling Loads: XCR⁴ may be installed in areas where rolling loads such as delivery carts or furniture with casters are present. The recommended epoxy adhesive should be used for installation.

Storage and Job site Conditions: Material should be stored and installed where relative humidity is between 45% and 65%, and the temperature is between 65° and 75°F. Material **MUST** be acclimated prior to installation for at least three days in area where it is to be installed.

Shade Variation: Due to the significant level of cork in the product, subtle shade variation is inherent. Installer is responsible for blending tiles at the time of installation.

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www.expanko.com
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Test Results:

Description	Test Reference	Results
Fire Classification	ASTM E-648	Class I
Smoke Density	ASTM E-662	<450
Shore Hardness A	ASTM D-2240	>85
Static Load at 650 lbs	ASTM F-970 (modified)	<.005"
Static Coefficient of Friction	ASTM D-2047	.71 (Meets ADA Recommendations)
Chemical Resistance	ASTM F-925	Excellent (See Document #223)
PVC and Halogen Free		Yes
Oil, Grease and Animal Fat Resistance		No

Substrate testing and preparation: Per Expanko #210 Preinstallation Guidelines, substrates must be smooth, dry and structurally sound. All concrete slabs shall be tested for moisture and pH regardless of age or grade level, and must be smoothed or leveled using Ardex brand products. Unsuitable wood substrates shall be covered with an approved underlayment only.

Installation: Install Expanko XCR⁴ using Expanko XCR⁴ adhesive or Henry #452 Epoxy adhesive Only. Apply adhesive according to instructions, using the recommended trowel.

After Installation: Protect floor from foot traffic for 24 hours after installation and do not move furniture or fixtures onto the newly installed floor for 72 hours. If construction will continue on top of the newly installed floor, protect from damage using brown Kraft paper and protective boards if necessary.

Maintenance: Clean and/or coat the finished floor per Expanko Document #221 XCR⁴ Care & Maintenance. The application of floor finish can provide extra protection from staining, soiling and wear.

Referenced Documents: Installation Instructions #210, Pre-Installation Guidelines #010, Care and Maintenance #211, Chemical Resistance #223.

For more information on products or technical data visit our website at www.expanko.com or contact Expanko at 800.345.6202.