



XCR⁴ CORK RUBBER FLOORING / Tiles & Rolls

TECHNICAL DATA

Document #221

TECHNICAL SUPPORT 800.345.6202

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

Available Surface Profile: Smooth Finish

Standard Dimensions:

- Tile : 24" X 24" nominal (602 mm X 602 mm)
- Sheets : 49.5" x 50Lft nominal

Custom Dimensions:

- Tiles: 12" X 24" nominal (301 mm X 602mm) and 12" X 12" nominal (301mm X 301mm)
- Sheets: 59.5" x 50Lft nominal

Thickness: 2.5mm (1/8" nominal)

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 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 the area where it is to be installed.

Specific Testing Results: (Full Test Results on Document #222 Specifications)

Description	Test Reference	Results
Fire Classification	ASTM E-648	Class I > 0.5
Indoor Air Quality (IAQ) Volatile Organic Compounds (VOC)	Third Party Certification SCS/FloorScore Certified	Registration #SCS-FS-01492b http://www.scs-certified.com/products/
Shore Hardness A	ASTM D-2240	≥85
Static Load	ASTM F-970 (modified)	1,100 psi
Static Coefficient of Friction	ASTM D-2047	Meets ANSI standards for ADA guidelines
Chemical Resistance	ASTM F-925	Excellent (Call for specifics)
Chlorine, PVC and Halogen Free		Yes
Impact Sound Resistance	ASTM E 492	36 dB

Referenced Documents: Specifications #222; Installation Instructions #210; Pre-Installation Guidelines #010

Suitability: XCR⁴ is an excellent choice for a variety of types of installations, including the following:

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|--------------|-------------------------|-------------------|
| Restaurants | Kitchens | Sports Facilities |
| Access Ramps | Classrooms | Child Care |
| Hospitals | Auditoriums | Hospitality |
| Aged Care | Bathrooms, Locker Rooms | Transportation |
| Offices | Corridors | Education |

For more information on products, technical data, and completed installations visit www.expanko.com or contact Expanko at 800.345.6202.

