



## **PRODUCT SPECIFICATION**

<b>Product Name:</b>	<b>FlexiKork™ 3mm</b>
<b>Description:</b>	<b>Robust flexible rubber and cork underlayment used when superior sound control and/or stress relieving is required in multi-family housing, single-family homes high-rises or commercial buildings.</b>
<b>Sound Ratings:</b>	<b>Wood-Joist Structures: FIIC = 47-52 Concrete Slab Structures: FIIC = 50 or greater Insulated Concrete Structures: IIC = 71* or greater</b>
<b>Application:</b>	<b>Shock absorbing, stress relieving and impact sound reducing pad to be used under most types of grouted and non-grouted flooring installations including solid and engineered hardwood, ceramic tile, stone, marble, brick, pavers, laminate, parquet, vinyl and carpet.</b>
<b>Features and Benefits:</b>	<b>Increases IIC and STC ratings. Relieves stress. Anti-microbial. Inhibits sound transfer through floor-ceiling assembly. Low construction height. Suitable for floor heating systems. Will not break down or move under load Easy to install, rolls out quickly, stays in place, will not shift when laid.</b>
<b>Dimension:</b>	<b>Roll: 4' wide, 75' long (300 square feet roll) Roll: 4' wide, 25' long (100 square feet roll)</b>
<b>Thickness:</b>	<b>3mm (1/8")</b>
<b>Roll Weight:</b>	<b>120 pounds/roll (300 square feet roll) 40 pounds/roll (100 square feet roll)</b>
<b>Roll Area:</b>	<b>300 square feet 100 square feet</b>
<b>Rolls/Pallet:</b>	<b>10 (300 sq. ft. rolls) 21 (100 sq. ft. rolls)</b>
<b>Lead-time:</b>	<b>Stock item</b>



## **TECHNICAL DATA**

<b>Specific weight:</b>	<b>34 lbs/ft<sup>3</sup></b>
<b>Weight per ft<sup>2</sup>:</b>	<b>.40 pounds</b>
<b>Tensile strength:</b>	<b>35-psi minimum per ASTM D412 Die C</b>
<b>Elongation at break:</b>	<b>60% min per ASTM D412 Die C</b>
<b>Compression:</b>	<b>@ 50psi = 15% / RECOVERY 85% min @ 100psi = 20% / RECOVERY 85% min</b>
<b>Temperature stability:</b>	<b>-40°C to +115°C (~40°F to +240°F)</b>
<b>Fire resistance:</b>	<b>Class 2 per ASTM E84</b>
<b>UL Listing:</b>	<b>UL File R21058</b>
<b>ICBO Approval:</b>	<b>Number ER6064</b>
<b>Robinson Wheel Test:</b>	<b>Rated Light Commercial Proj#32602-1 Lab # T-03-024-C</b>

**All tests results shown are actual field ratings, except for test marked (\*), which was performed at a certified independent laboratory. Copies of test results are available upon written request.**

**Test results shown are for comparison purposes only. Slight variations in sound ratings may occur when tested in the field.**

**All IIC Ratings are based on Impact Sound Transmission Test ASTM E 492-90/ASTM E 989-89 performed on 8" Concrete Slab. Test marked (\*) was performed over Insulated Plenum and Gypsum Board Ceiling Overlaid with Engineered Hardwood Flooring over FlexiKork™ underlayment.**



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