



993 Oil & Grease Resistant

PERFORMANCE COMPOUND PRODUCT SUBMITTAL

Finish	Textured
Nominal Dimensions	19 11/16" (50 cm) x 19 11/16" (50 cm) x 1/8" (3.2 mm)
Color Options	100 Black, 123 Charcoal, 150 Dark Gray, 193 Black/Brown
ASTM F1344 - Rubber Floor Tile	Type I A, Grade 1
ASTM E648 (NFPA 253) - Critical Radiant Flux	Class 1, $\geq 0.45 \text{ W/cm}^2$
ASTM E662 (NFPA 258) - Smoke Density	Passes, ≤ 450
CAN/ULC-S102.2 - Surface Burning	115 Flame Spread Rating, 275 Smoked Developed Classification
ASTM D2047 - Static Coefficient of Friction	≥ 0.50
<i>ADA Standards for Accessible Design states the floor surface shall be stable, firm and slip resistant. Our test results utilize the James Machine as described in D2047 and as described in UL410 for floor covering materials (FCM) utilizing a leather foot under dry conditions. Maintenance processes and commonly utilized site applied finishes, polishes and other sealers to maintain resilient flooring products will change the walking surface and ultimately the Static Coefficient of Friction.</i>	
ASTM F970 - Static Load Resistance	Passes, $< 0.005"$ Indentation @ 250 psi
ASTM F970 - Static Load Resistance, Modified	Passes, $\leq 0.005"$ Indentation @ 1100 psi
<i>ASTM F970 testing at loads above 250 psi is outside the scope of the test method. Since testing is conducted on flooring product alone, our stated results do not take into consideration chosen adhesive, any utilized underlayments and/or substrates or subfloors. These results should not be construed as an indicator of installed flooring performance.</i>	
ASTM F925 - Chemical Resistance	Excellent with chemicals listed in standard, Additional chemicals available via chart
<i>ASTM F925 testing is utilized to ensure flooring materials will stand up to certain household standard chemistries. Additional chemical resistance testing performed using this test method is for informational and guidance purposes only. Proper maintenance will have an effect on chemical resistance, but the best defense against a negative effect is to clean the drop/spill from the flooring surface immediately.</i>	
ASTM D3389 - Abrasion Resistance	Excellent, $\leq 1 \text{ g loss}$ (after 1000 cycles)
ASTM F2199 - Dimensional Stability	Excellent, $\leq 0.15\%$
ASTM F1514 - Heat Stability	Excellent, $\Delta E \leq 8$
ASTM D2240 - Durometer Hardness Indention	$\geq 85 \text{ Shore A}$
Acclimation Time	48 Hours
Service & Storage Temperature	60° - 85° F
<i>See installation document for full installation details regarding approved substrates, job site conditions and acclimation procedures.</i>	
Product Limitations	Material designed to withstand exposure for a reasonable time to allow the areas to be cleaned properly to remove petroleum hydrocarbons. Not for use with Vegetable Oils or Animal Fats & Oils in kitchens
Product Warranty	3 Year Commercial Warranty
<i>See product warranty for full details regarding limitations and warranty coverage.</i>	
Recommended Adhesives	Excelsior U-705, Urethane Wet-Set Excelsior EW-710, Urethane Enhanced Epoxy Adhesive



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Attributes & Certifications

Made in the U.S.A.

Meets Buy America Act (49 CFR Part 661, 49 U.S.C. 5323)

Meets Buy American Act (7 CFR Part 1787, 41 U.S.C 8301-8305)

Meets Federal Acquisition Regulation (FAR 52.225-9)

Contributes to LEED v4/4.1

Meets CA 01350 Requirements

Technical Support

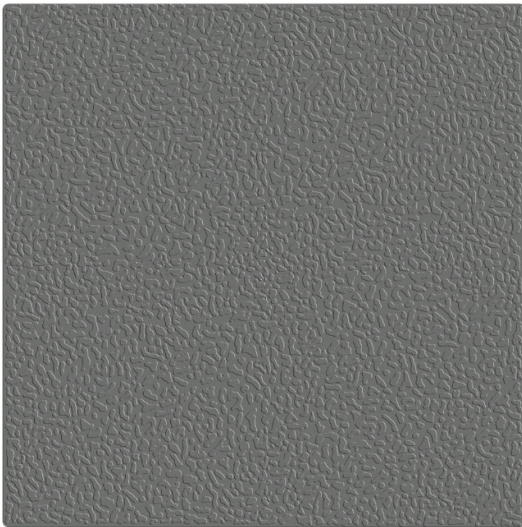
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Product Support

sales@roppe.com

Technical Documentation

www.roppe.com



Attach Color Sample Here