



**THERMACOUSTIC® INDUSTRIES INTERNATIONAL LIMITED**

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Test Standard	ThermaCoustic® TC-417	Monoglass®	K-13®
ASTM E-136; Non-Combustibility	Passed	Passed	Passed
ASTM E-84/ CAN ULC S102; Fire Hazard Classi- fication	Class 1 Flame Spread – 5 Smoked Development -0	Class 1 Flame Spread-10 Smoke Dev -0	Class1 Flame Spread-5 Smoke Dev.-5
ASTM C-518; Thermal Conductivity	R-4.17 per inch	R-4.00 per inch	R-3.80 per inch
ASTM C- 423; Noise Re- duction Coefficient	NRC 1.00 @ 2.0 inches	NRC 0.80 @1.4 inches	NRC 1.05 @2.0 inches
ASTM 859; Air Erosion	Passed	Passed	Passed
ASTM D-736; Cohe- sive/Adhesive Force	>1.7 KPA (34 psf)	>1.7 KPA (34 psf)	Not published in their literature
ASTM 605 & 1622; Density	3.0 lbs/ cubic foot	3.0 lbs/ cubic foot	4.0 +/- .5 pcf
Fungal Resistance	No Growth: MIL-STD 810E, Method 508.4	No Growth: ASTM G-21	Not Known

The information above was obtained from Product/Spec Data Sheets taken from the manufacturers' web sites. March 27, 2007 and Monoglass's CCMC report 10025-R @ <http://irc.nrc-cnrc.gc.ca/ccmc/registry/07/>

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