

# Technical Brief

## Fire Code Compliance

Korogard® Protective Wallcovering is a fire-retardant sheet with excellent cleanability and impact resistance. Korogard Protective Wallcoverings is ideal for institutional applications because of its compliance with the national fire codes for building interiors and is available in two formulations providing Class A fire code compliance in gauges up to and including .125" (3.18mm). Standard inventory items .028" (.71mm), .040" (1.02mm), and .060" (1.52mm) are produced as Class A items. When requirements call for a Class A material in .080" (2.03mm), .093" (2.36mm), or .125" (3.18mm) thicknesses, Korogard 600 can be specified. Refer to charts below and on the following page for details on test results.

Fire code compliance is based on the results of the "Steiner Tunnel Test (ASTM-E84)." The parameters tested include "flame spread" and "smoke generated" by a product when it burns. To meet Class A fire code, an interior finish must have a flame spread of 25 or less and a maximum smoke developed rating of 450. Class B requires a flame spread of 26 to 75 and a smoke generated of 450 or less.

Fire code compliance involves using the tested adhesive. For .028" (.71mm), .040" (1.02mm), and .060" (1.52mm) gauges there are four adhesives that can be used to obtain a Class A fire rating: 3M Fastbond™ 30-NF, Formulated Solutions XT-2000+™ Mastic, Interlock's Spray-Lock® 1500, and Dap Weldwood Nonflammable (see Korogard Protective Wallcovering Installation Manual). Thick-gauge Korogard 600 .080" (2.03mm), .093" (2.36mm), and .125" (3.18mm) must be installed with 3M Fastbond 30-NF to ensure compliance with the Class A fire rating.

All Korogard Handrails, Crash Rails, Bumper Guards, and Corner Guards meet the criteria for Class A as outlined in the ASTM E-84 test.

## Compliance Chart

### ASTM E-84

Gauge	.028" (.71mm)	.040" (1.02mm)	.060" (1.52mm)	.080" (2.03mm)	.093" (2.36mm)	.125" (3.18mm)
<b>Korogard 500</b>	Class A ■	Class A ■	Class A ■	Class B □	Class B □	Not rated
<b>Korogard 600</b>	N/A	N/A	N/A	Class A □	Class A □	Class A □

■ Signifies that any one of the five recommended adhesives may be used to meet the criteria for the indicated classification.

□ Signifies that only 3M Fastbond 30-NF may be used to meet the criteria for the indicated classification.



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