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Thursday, September 25, 2008

PRODUCTS & TECHNOLOGY: Thermal-Barrier Coating

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TPR2 Corp. introduced the FireShell® Thermal Barrier coating, described as an ultra-thin-film, paint-on thermal barrier for urethane foam. The product is reported to successfully pass the IBC-compliant NFPA 286 ?full-scale? Room Fire Test.

The company says the NFPA 286 15-minute, closed-room test was conducted by Intertek Laboratories using a 16 mils of the thermal-barrier coating applied by airless sprayer to urethane foam-insulated (wood studded) walls and ceiling. NFPA 286 is a full-scale room corner test specifically called out in IBC codes.

The company says the product allows urethane foam insulation to meet IBC codes for thermal barriers. The coating, in combination with foam, is reported to meet International Building Codes sections 803.2 and 2603.9.

The thermal-barrier coating is described as an environmentally friendly, water-based, ultra-thin-film, one-component coating, applied with airless spray equipment, brush or roller.

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