EAGLE
SPECIALIZED
COATINGS
AND
PROTECTED
ENVIRONMENTS

A Division of DW Pearce Enterprises Ltd . (1979)

SafeCoat® Latex Intumescent Coating

Prevents Flame Spread

Fire is a constant threat to life and property. When given the opportunity, it rushes through many types of building materials with alarming speed. Fire takes advantage of unprotected surfaces and areas concealed from fire fighters.

Meets Fire and Building Codes

Fire safety codes are the first line of defense against the destructive force of fire. Products and designs which satisfy these codes save lives and money. Code compliance requires a number of design considerations including a combination of fire separations, sprinklers and coatings.

Protection from Fire and Smoke

SafeCoat is a highly effective intumescent coating that reacts to fire or heat by expanding to many times its original dry film thickness. The expanded material forms a char which insulates against the heat of fire and reduces available oxygen to the surface. This limits flame spread and the amount of smoke developed.

Wide Range of Applications

SafeCoat will protect many combustible building materials. Its uses include: wooden surfaces, joists, beams, acoustic tile, rough and finished timbers, open surface panel board, previously painted wallboard, hardwoods, softwoods, drywall, SPF plywood and OSB.

Alternate to Drywall

When a more resilient, durable surface than drywall is required, plywood or OSB coated with SafeCoat can provide an inexpensive and effective way to satisfy the Fire Code.

OEM Us es

SafeCoat can be applied to many types of surfaces. It is used by many manufacturers in their products or systems. Whether ASTM, UL, CSA, NFPA or other codes, SafeCoat can help you meet code requirements.

SafeCoat coated interior roof space and an untreated roof space under identical fire conditions

ULC Tested and Listed

SafeCoat is recognized by Fire Marshals and Building Officials throughout North America. Class A Flame Spread Ratings can be achieved on OSB, SPF (spruce, pine, fir and douglas fir plywood). SafeCoat has been tested and approved by ULC under CAN/ULC-S102 for the Canadian market and ASTM E84 for the US market.

SafeCoat can be used in lieu of sprinkler systems in combustible concealed spaces. The NFPA-13, standard for the installation of sprinkler systems, does not require sprinkler systems if the exposed combustible materials have a flame spread of less than 25. SafeCoat Latex has a flame spread of 5 and a smoke developed rating of 5 on SPF lumber.

Effective

SafeCoat offers significant reduction in flame spread ratings and also provides a thermal barrier by slowing the penetration of heat through a substrate. SafeCoat can be used on many combustible surfaces.

Labor Saving

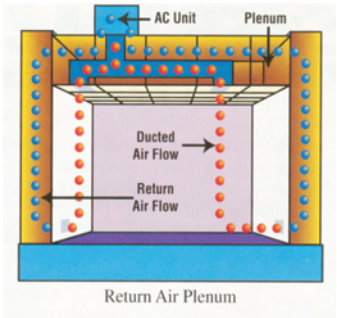
SafeCoat is a single component, latex based, intumescent fire retardant coating for interior surfaces.
SafeCoat can be applied by brush, roller or sprayer.
SafeCoat can be applied with only one coat and achieve a UL Class A rating.
SafeCoat cleans up easily with warm, soapy water.
SafeCoat is quick drying.

Wide Range of Colors

SafeCoat is white and may be tinted to a wide range of colors.
SafeCoat is available in black.
SafeCoat is available in a clear varnish.

Environmentally Friendly

SafeCoat is environmentally safe. It is latex based, is non-toxic and remains equally safe once applied. Contains no asbestos, solvents, or dangerous chemicals.



Return Air Plenum

Municipal building codes typically require return air plenum spaces to have flame spread ratings of 25 or less and a smoke developed rating of 50. SafeCoat satisfies these standards. Using SafeCoat in lieu of a return air duct in combustible buildings improves overall efficiency which usually allows for smaller HVAC units, reduced duct installation costs, and lower maintenance costs.