



# ANC FIRE RETARDANT COATING

ANC is a high performance thin film fire retardant coating. It has been formulated to retard flame spread across a wide variety of materials as well as suppress the generation of smoke.

This proprietary flame retardant two-part epoxy coating creates a highly adherent fire retardant barrier on wood, metals, concrete plastics and insulating foams. It may be used to overcoat lead and asbestos.

Flame spread classifications were developed by Underwriters Laboratories and adopted by many building codes. The classifications are based on a numerical scale ranging from 0-25 for a class I rating.

The smoke generation indices are based upon the amount of visible smoke detected when a material burns.

Flame spread requirements for building materials within a code are intended to delay fire growth, providing occupants more time to escape the area and provide firefighters time to respond.

ANC was tested to the ASTM E-84 standard by an independent laboratory. ANC achieved a Class I flame spread and a Class I smoke rating. A copy of the report is available upon request.

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In the event of fire, ANC produces water and gases, which snuff out oxygen and provides a cooling effect at the flame front. A dense char is formed, which further protects the surface from combustion.

ANC may be sprayed directly from the container, after proper mixing, using standard airless equipment.

Surfaces must be prepared according to SSPC standards. Please review the application guide and material safety data sheets prior to use.

## FEATURES:

- NO VOC'S
- NON-HALOGENATED
- CHEMICALLY RESISTANT
- WATER RESISTANT
- EXCELLENT ADHESION
- FLEXIBLE
- DOT NON-HAZARDOUS

## TYPICAL PROPERTIES:

Color	gray
Viscosity @25° C	7,000
Tensile Strength	7,600 psi
Open time	50 min
Operating Temp ° C	-50 to + 140
Hardness, Shore D	78
Mix ratio by weight (A:B)	100:30

Mix ratio by volume (A:B) 100:35

Direct UV Exposure Applications should be top coated with a pigmented urethane.

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