



INTUMAX•EP102W

Waterborne Epoxy Flame Retardant and Intumescent Coating

INTUMAX•EP102W is a two-part waterborne epoxy intumescent coating. It is engineered to provide a protective coating that combines toughness and wear resistance with low flame spread, low heat transfer and low smoke. In addition, the smoke generated is low in toxicity. The char foam that is formed rises in 20 - 40 seconds. Once this char layer forms, smoke generation is almost entirely eliminated; the burning ceases, and coated surfaces are thermally insulated.

Intumax EP102W cures within 24 hours at room temperature to a tack free coating while providing close to 3 hours of working life.

For ease of application or for spraying, Intumax EP102W is readily thinned with tap water.

<u>Properties</u>	<u>Part A</u>	<u>Part B</u>
Color	light pink	light yellow
Viscosity	150,000-200,000 cps	20,000-25,000 cps
Mix ratio	100 pbw	23.5 pbw
% solids	73	100

Flame Spread (E84 equivalent based on known standards) – Class A

Thermal Expansion of foam - >10 times thickness of coating