



Civil Engineering & Construction Systems

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## Hex-3R FireLam 505 and 506™ Coatings

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The above products are FR coatings that are applied over a cured, clean substrate. This system is class A by ASTM 84 (smoke density and flame spread) and has a two hour rating by ASTM E119.

### **Hex-3R FireLam 505™ Coating:**

Applied first, this trowelable paste is a heat-activated intumescent coating. The intumescent (foaming) action insulates the underlying structure from excessive heat.

FireLam 505 is a two part system. To apply, add entire contents of Part B to the Part A pail while stirring. Mix for a minimum of 5 minutes using a mechanical mixer until thoroughly blended. Use caution when mixing to ensure that stirrer blades does not overheat the mixture; temperature should remain only slightly warm to the touch. Trowel on at a rate of .225 lbs/sf (37 mils thick). Coverage is approximately 40 ft<sup>2</sup>/gal. Allow to dry at least 20 hours prior to application of FireLam 506™ Paint.

### **Hex-3R FireLam 506™ Paint:**

FireLam 506™ is a water-based intumescent paint. 506 offers the first layer of defense against fire. When coupled with 505, several hours of thermal protection can be gained.

To apply, make sure surface to be coated is clean, free of dust, grease or other oily substances. Stir product carefully to provide uniform mixture; do not shake. Apply first coat of paint using a brush, roller or spray at .04 lbs. per square foot (wet weight) or 260 square feet per gallon (wet weight). Apply three coats at this level. Wait until the surface is dry (at least 4 hours) between application of coats. The appearance should be uniform.



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