



FlameOff Fire Barrier Paint

Repair Intumescent Coating Cracked Paint Over applying Intumescent

****NOTE:** This drawing detail is for explanation purposes and is not to scale. This detail section is to illustrate the areas that intumescent fire protection shall be applied to match the fire test application requirements. The tables show the desired dry film thickness for each size of the member that is required to receive intumescent fire protection.**

Recommended Application Per Coat

Wet Film Thickness - 45.0 mils (1143 microns)

Dry Film Thickness - 30.0 mils (762 microns)

Solids Content - By Volume 69%

Theoretical Coverage Rate -

1075 ft at 1 mil (26 m / at 25 microns)

36 ft at 30 mils (0.9 m / at 750 microns)

FlameOFF Coatings, Inc recommends the applicator to check the Wet film thickness in various areas when applying the fire proofing.

Small Cracks

Small hair line cracks can be repaired by applying brush coats. Brush coats can be applied in multiple coats to achieve the desired DFT thickness.

Once the brush coats have filled in the hair line cracks. The finish shall be smooth and uniformed.

Large Cracks

Large cracks must be taken off as far back as the loss of adhesion has occurred. A 5 in 1 knife can be used to scrap the cracked area.

For larger cracks due to over applying the coating. Use a utility knife and cut back the area where the adhesion is good. Rough the area and then spray or brush coat until the thickness is achieved. The finish shall be smooth and uniformed.

After Patching

After patching the damaged area. Allow the coating to cure and re-check the DFT of the finished area.



Example of reader reading a DFT Thickness

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| Code Requirements: AWCI Technical Manual 12-B (Standard Practice for the Testing and Inspection of Field Applied Thin Film Intumescent Materials). | | International Building Code - IBC 1705.14 Note: Normally small metal strips are placed in various locations. The DFT can be read from the metal strips. |
| Drawn By: Scott Soesbee | (Section to be filled out by FlameOFF Coatings, Inc) | Section A-101 |
| | | Date 8-2013 |