

Technical Test Report of Tri Bitu Proof W Sample For Tri-chem Co.

Painting System:

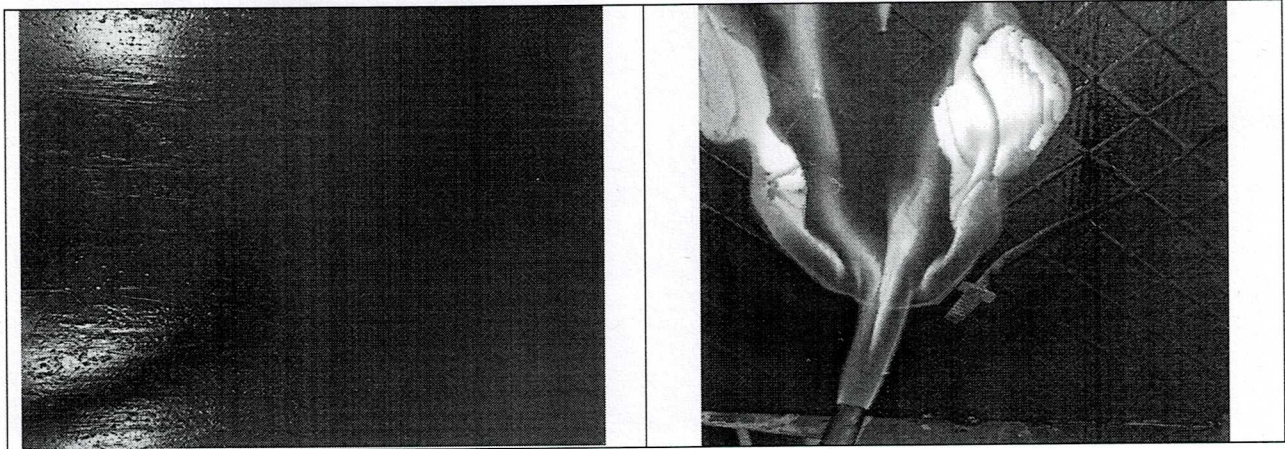
The painting system has been applied by EPRI in accordance with technical Data sheet and application guide.

Fire test

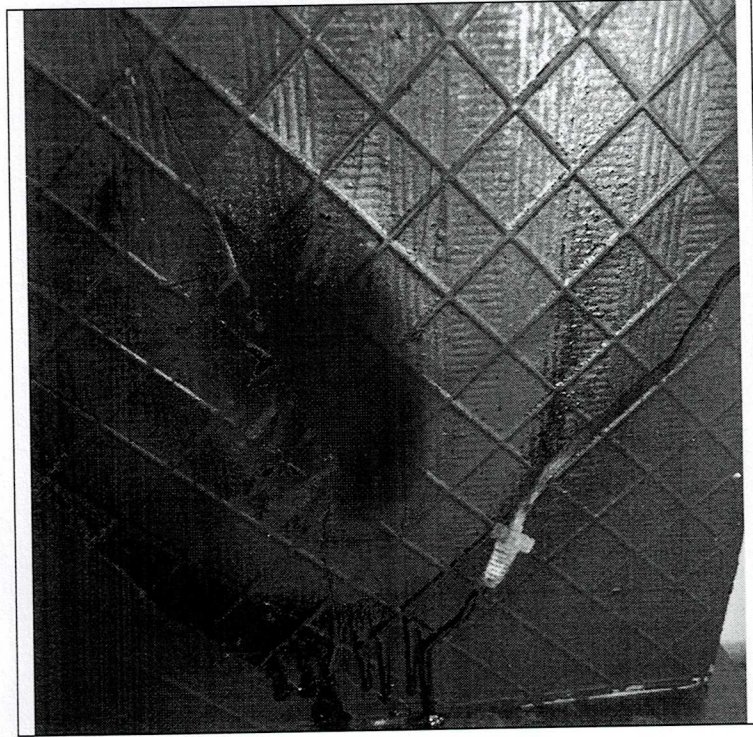
The fire test has carried out according to international standard test method ASTM D 2939 & 1227, the coating sample was subjected to fire cyclic 10s on and 10s off, the net results have recorded in the following table:

| Test Type | results | Standard | Remark |
|---|---|--------------------|--------|
| Fire retard coated sample by Bitu Proof W | 75 cycle 10s subject to flair and 10s off | ASTM D 2939 & 1227 | Pass |

The fire test of Tri Bitu Proof W Sample coated on steel ceramic panels at size 40 x 40 cm. the coating sample has subjected to flair for 10s and unsubjected 10s , by following test steps and inspection we have been showed that the localized fire and don't flammable showed he following pics.



Handwritten signature: A. Elsaid



Conclusion

From above results one should be concluded that the coating sample Tri Bitu Proof W have been accepted as anti-fire material according to ASTM D 2939 & 1227.

SPC Director

Prof. Dr. Ashraf Elsaid



A. Elsaid
5-1-2023

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Date: 5/1/2023

The Tri Bitu Proof W is tested and evaluated and the net results are recorded in the following table:

| Test | Results | Standards | Recommendation |
|---------------------------|--|------------------|----------------|
| Density | 1.09 | ASTM 2939 | pass |
| Solid content | 39% | ASTM D2369/95 | pass |
| Liquid Water permeability | Class W3 (low) 0.04 kg/(m ² .0.5h) | EN1062 | pass |



SPC Director

A. Elsaid
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5-1-2023