Specification

Intumescent coating

FK 1210

Major properties	Intumescent Coating
Color / Hue	White
Density	1.23 gr./cm3
Non volatile material	64%
Drying time	40 Min in 25 C
Ignition point	44±2 C
Utilization time	Two weeks after applying
Viscosity	0.3 Pa.S - 10.000 Sec
Humidity test	At least 400 Hrs. in humidity of RH=95% and 60 C ASTM 4565
Salt spray test	At least 400 hrs. ASTM B117
Dry film thickness	-150 Micron for 1 hour resistance in front of fire - 250 Micron for 2 hour resistance in front of fire
Consumption rate	200/250 Gr./ m2 350/400 Gr./m2
Application method	Airless- paint brush- French curve- Roller
Bending test	ASTM 1737 Mandrel 5 mm
Impulse test	ASTM 2794 75 Cm,1 Kg weight
Film thickness	ASTM 3363
Submersion in salty water 5%	After 168 hrs. there were no changes on dry film surface
Heat resistance	Two hours after fire, the temperature will increase up to 550 C
UV resistance	ASTM D 4557- 300 Hrs.
Storage condition	In Proper condition can be stored for 1 year away from direct sun rays