

## PAINTCO INTUMESCENT COATING 7000

### DESCRIPTION

- Paintco Intumescent is a high performance water based fire protection system specially developed to provide enhanced fire resistance to structural steel and woods which requires two hours protection. It is based on special binder combined with highly efficient intumescent pigments and fillers which provide the optimum resistance to fire spread (propagation). This unique combination of resin and pigments enables the coating to minimize flame spread in the event of a fire thus restricting the speed at which the fire can be spread.

### Recommended use

- It is suitable as a topcoat on Paintco epoxy zinc phosphate 2PK 6447. It is mainly recommend for interior coating.

### Outstanding characteristics

- When it is exposed to flames, it intumesces (swells) 70-80 time of its dry film thickness to create protective barrier against heat.
- Excellent durability
- 1-2 hours fire protection relative to DFT

### PHYSICAL DATA

No. of components	:	one
Finish	:	matt
Specific gravity	:	1.30±0.03
Volume solid	:	approx 50%
Dry film thickness	:	500/coat
Touch dry	:	60 min at 25°C
Hard Dry	:	12 hrs at 25°C
Full dry	:	7 days at 25°C
Theoretical spreading rate (500μ)	:	1 square meter per liter
Shelf life	:	12 months

### APPLICATION DATA

Application method	:	Airless spray, and brush and roller
Application temperature	:	10-40°C
Thinner	:	water
Recoat interval	:	min 4 hrs
Airless spray data	:	Nozzle 0.017"to 0.027"(0.4-0.7mm),

### SURFACE PREPARATION

- The surface to be blasting must be free of oil grease and moisture to a near white steel structure painting council SP-10 or (SIS Sa 2.5). The profile of blasted surface should be 40-65 microns (1.5 - 2.5mils.) The surface is to be coated must be clean dry and well prepare to receive the coating.
- Priming coat: Paintco epoxy zinc phosphate 2PK 6447.