



# VIVABLAST CASE STUDY (1/4)

## ABLATIVE COATING SOLUTIONS FOR FACTORY

### ■ Case details

- Client: Blue Scope Leighton Construction Plant
- Scope of work: Fire retardant coating for electric cable tray and penetration wall fire resistance
- Application: Airless spray and by paint brush where required
- Duration: 2005 & 2013
- Coating material consists of water-based thermoplastic resins, inorganic incombustible fibres, fillers, pigments and various flame retardant chemicals. It is free of asbestos and solvents.



■ Cable trays must be free of dirt and oils prior to application of ablative coating.



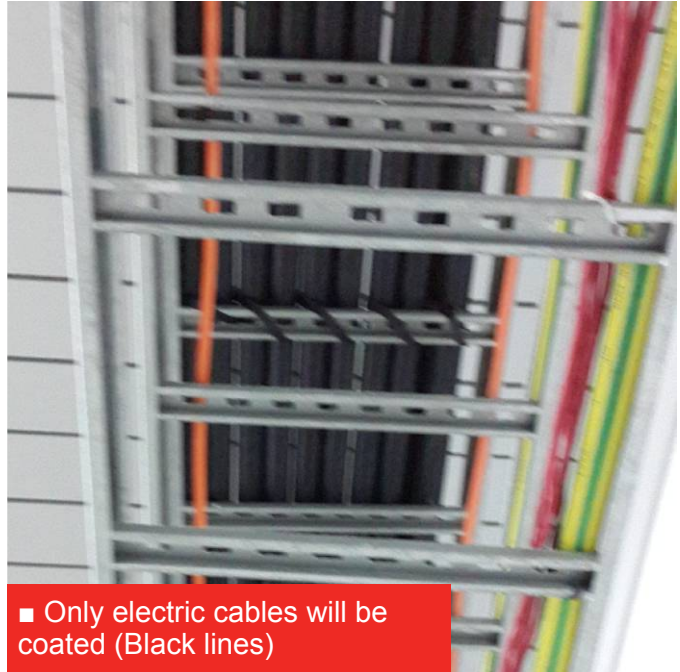


# VIVABLAST CASE STUDY (2/4)

ABLATIVE COATING SOLUTIONS FOR FACTORY



■ Utility electrical equipment



■ Only electric cables will be coated (Black lines)



■ Mechanical/ Electric control room



# VIVABLAST CASE STUDY (3/4)

ABLATIVE COATING SOLUTIONS FOR FACTORY



- Ablative coating spraying in progress.
- Full PPE is required.





# VIVABLAST CASE STUDY (4/4)

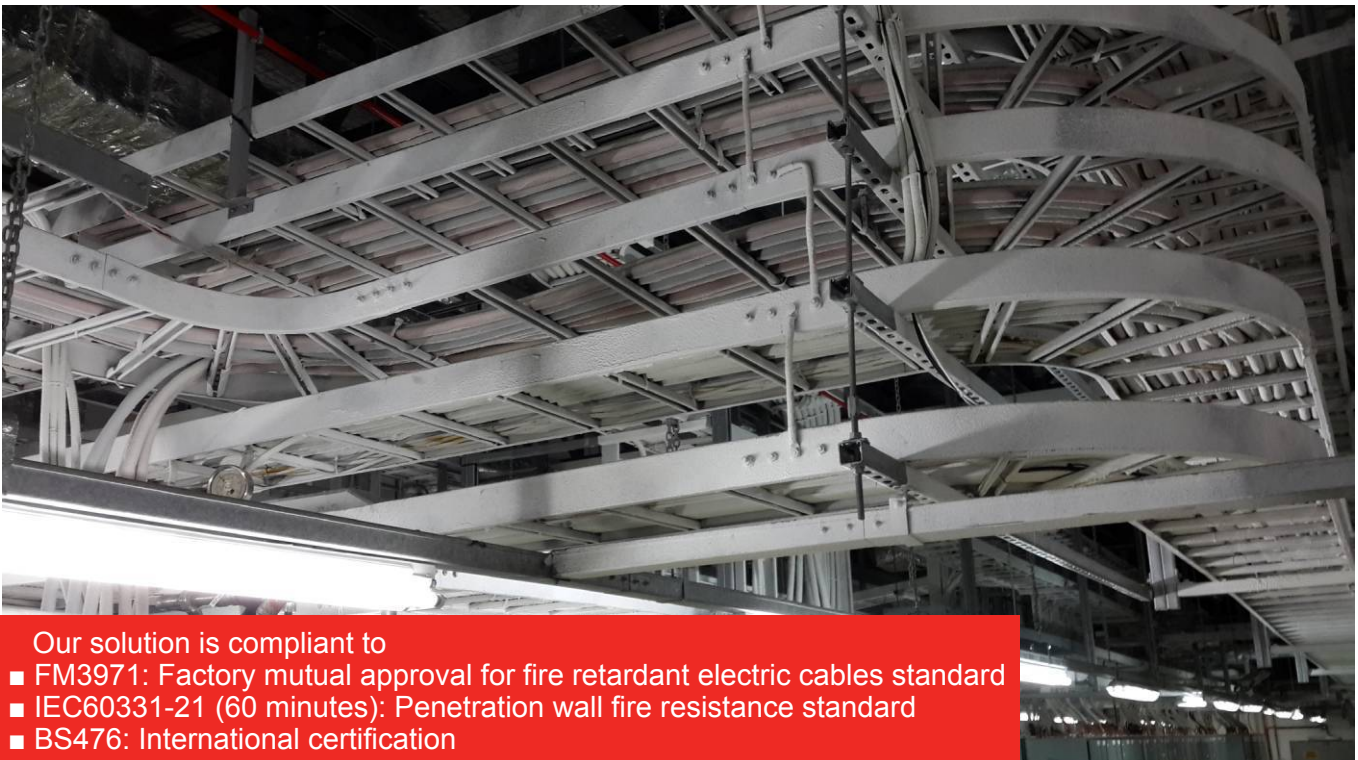
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■ Minimum wet film thickness of 2.5 mm is required (DFT 1.6 mm).



■ Penetration wall fire resistant application.



Our solution is compliant to

- FM3971: Factory mutual approval for fire retardant electric cables standard
- IEC60331-21 (60 minutes): Penetration wall fire resistance standard
- BS476: International certification