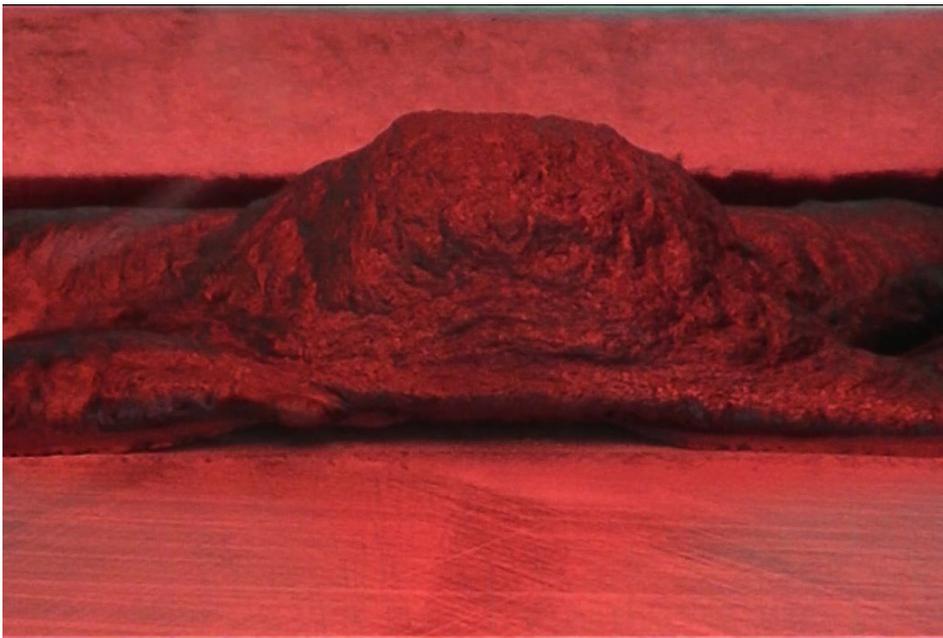


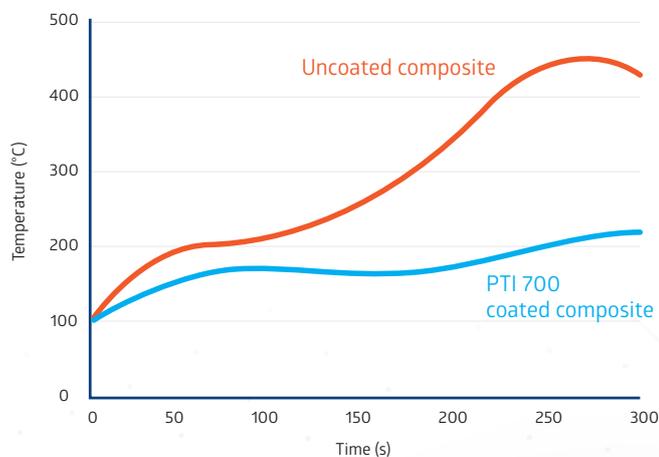
The fire behaviour of fibre-reinforced polymer composites and metals in hot areas, in the case of hidden fire or post-accident is a key challenge.

The PTI 700 intumescent coating engineered by Rescoll specifically addresses the requirements for composites fire protection in the aeronautic sector.



Temperature evolution on the back face of the composite in fire.

Uncoated composite versus PTI 700 coated composite in fire



APPLICATIONS GUIDELINES

- HPLV spray gun
- Dry film thickness: 500 to 1000 μm
- Drying cycle: 2h @70°C + 1h @100°C

KEY CHARACTERISTICS

- High temperature resistance, humidity resistance and resistance to chemically aggressive environments
- Thermal insulation superior to 150°C between the exposed and the back side of the structure once activated
- Available in white and black. Other colors on request

APPLICATIONS

- Aircraft (*in collaboration with SAFRAN*)
- Watercraft
- Rail vehicles
- Automotive (e.g. for the safe containment of high energy batteries)

CONTACT

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