

# CRESTAFIRE® GCS 1001 EPA / GCS 1005 EPA New Generation Intumescent Gelcoats

## • GELCOAT SPRAY APPLICATION - PARAMETERS

### Airless Gelcoat spray system

(E.g. MVP, Graco, etc.)

- **Pump ratio:** 20:1 (minimum)
- **Air input pressure:** 4.5 - 5.5 bar
- **Nozzle tip size / angle:** 623/50° or 626/50°
- **Tube hose diameter size / length:** 15 mm / short as possible (ideally insulated)
- **Gelcoat heater:** ideally have it integrated in the machine for spraying consistency



(Video)

### Gravity feed cup gun sprayer

(E.g. G-100, Polycon, etc.)

- **Gelcoat wet film thickness:** 800 - 1000µm
- **Nozzle tip:** size 7 or 8
- **Air Pressure:** 65 - 80 Psi (4.5 - 5.5 bar)
- **Catalyst:** medium reactivity MEKP (50%) type @ 1.5 - 2.0%
- **Gelcoat application temperature:** 25°C



(Video)

Matches EN 45545-2 laminate requirements  
(HL2/HL3 for R1, R7, R10 and R17)