

# Ceratul<sup>®</sup>

**Non-Combustible Surface Layers**

**Ceratul SFS products**

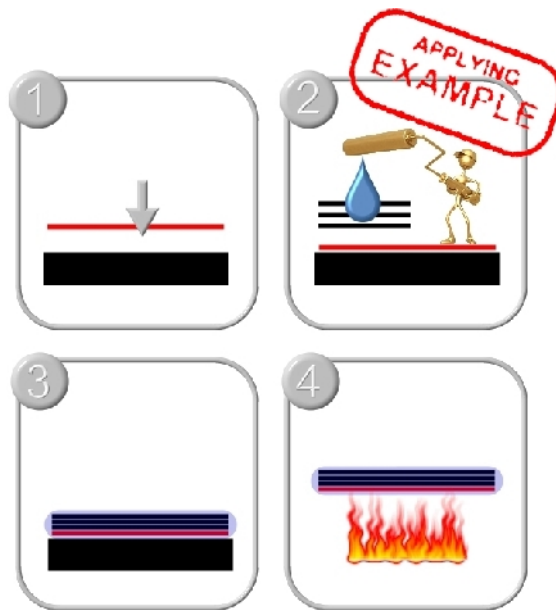
*The Most Effective Way to Increase Fire Safety.*

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*Composite and Plastic  
applications.*



1. **Apply Ceratul SFS on the mold**
  - Use gelcoat or surface layer if needed.
2. **Apply normal resin or molded plastic.**
  - Use reinforcements if needed
3. **Cure or process as usual**
4. **Fire-Safe end product with ...**
  - Maximum process speed
  - Maximum mechanical properties
  - Maximum thermal performance
  - Significantly reduced smoke production
  - Significantly reduced heat production



#### Description – Ceratul® SFS products:

Micro- and nanoporous sheet like non-combustible sheets with or without preimpregnated glass or polyester fibre wovens and non-wovens impregnated with fire retardant additives (check! Additional Cerafone® brochure).

Non-Combustible cerameric Ceratul® resin systems do not flame, produce smoke or heat under fire conditions!

#### Coding:

- SFS: Single layer non-combustible sheet  
 SFS-A: Double layer structure. Non-Combustible layer + Cerafone® layer with preimpregnated FR-additives.  
 SFS-A+: Single layer non-combustible sheet with active extinguishing media.

#### Applications:

Fire regulated fiber reinforced Composites, Engineered Wood products and Plastic parts.

Used in variety industries, including transportation and construction industries, electronics and HV-products.

#### Packing:

Delivered in roll form or as pre-cutted sheets. Typical roll length 100-1000 m and 1.0-2.0 m wide. Maximum width 2950 mm. Typical thickness 200 micrometers. Produced by order for industrial use only.

