

## Technical Data Sheet

### FLAMRO ST-I

#### Definition

FLAMRO ST-I is a water-based fire protection coating applicable on construction steel.

#### Application Areas

- Indoor use
- For vertically and horizontally supporting steel profiles
- For open steel profiles, H-/ I- beams and pillars



#### Technical Data

|                         |   |
|-------------------------|---|
| Colour                  | White   |
| Density                 | 1335 ± 70 kg/m <sup>3</sup>   |
| Solid content           | 71.4 ± 5 %  |
| Viscosity               | 150 ± 20 dPa • s  |
| Toxicity                | Not subject to marking according to (EG) No. 1272/2008                      |
| Effect                  | Insulating layer building   |
| Drying time             | Semi-dry after ca. 2 hrs (at 20 °C)<br>Hardened after ca. 4 hrs ( at 20 °C) |
| Building material class | B-s1,d0 (DIN EN 13501-1)  |

#### Application details

Processing: Roll, spread and airless-spray application  
 Shelf-life: Protect against frost, 12 months in unopened original packaging  
 Packaging: 20.0 kg container

Note: For encased steelwork, a primer is required. Ideally, a top coat (colored composition) is possible.

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