



# **INSULATION TECHNOLOGY GROUP**

THE SCIENCE AND TECHNOLOGY IN THERMAL INSULATION  
AND SOUND DAMPING SYSTEMS



Data sheet

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## ***SHIELD COAT FOAM***

### ***SHIELD COAT FOAM FIRE-STOPPING***

#### **REVOLUTIONARY SYSTEM FOR THERMAL INSULATION APPLICABLE AS COMMON PAINT SELF-FOAMING / SELF-EXPANDING FLAME RETARDANT – FIRE-STOPPING**

- Revolutionary system of thermal insulation: self-foaming - bi-component
- After the union of the component A + B, and its application, the product starts to increase in volume/foaming of 500%, - 600 %
- Applicable as common paint: spray-
- Resistance up to +400° C
- Heat Reduction: 90%
- Low thickness of application – with 1-3 mm the product grows by 500% - 600 % – the product does not leak (thixotropic)
- Flame-resistant – fire-stopping
- Fast drying
- Low specific weight
- Load-bearing structure

#### **VERSIONS:**

- **SHIELD COAT FOAM TAP – INSTANTLY EXPASION WITH DEDICATED SYSTEMS**
  - After applying the product instantly polymerizes at room temperature and grows by 500%.
  - Requires the application with specific equipment
  - Working Temperature: -100°C° +250°C / 400°C
  - Fire-Stopping

- **SHIELD COAT FOAM – EXPANSION AT 70°C**

- After the application, by heating to 70° C, the product cures instantly and grows by 500%.
- Working Temperature: -100°C° +250°C / 400°C
- Fire-Stopping

- **SHIELD COAT FOAM - FIRE-STOPPING**

- The product shall be used as an ordinary paint and after your application has a common paint finish
- In the presence of direct flame (from 400° C), the product grows/500% scum.
- In case of fire (direct flame exposure), the system provides, in addition to the fire protection, a high thermal insulation (temperature reduction of 80 per cent)