



## Protect BSF paint

### U Protect for fire, thermal and acoustic insulation of ventilation and smoke extraction ducts

U Protect system is designed to provide fire resistant, an easy to install, lightweight and efficient thermal and acoustic insulation solution in HVAC for circular and rectangular ventilation and smoke extraction ducts up to EI 120.

Protect BSF is part of ISOVER U Protect fire resistant solution. Installation guidelines must be followed and all ISOVER U Protect components used.



#### FIRE RESISTANCE

Passive fire protection system



#### FAST INSTALLATION

Thanks to its light weight and high flexibility, it can be installed by one person without any special equipment



#### INDOOR AIR QUALITY

Complies with the most stringent regulations on VOC emissions including green building scheme and practically no fiber emissions

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| CHARACTERISTIC         | SYMBOL | UNIT | QUANTITIES AND DECLARED VALUES  | STANDARD               |
|------------------------|--------|------|---|------------------------|
| Water behaviour        | -      | -    | Water resistant   | -                      |
| Reaction to fire       | -      | -    | B2<br>When exposed to fire or heat, the product develops micro-porous insulating layer  | DIN 4102-4             |
| Chemical behaviour     | -      | -    | Solvent free, PH neutral, white water-based dispersion<br>Free of Volatile Organic compounds  | -                      |
| Application field      | -      | -    | Protect BSF paint is part of ISOVER U Protect fire resistant solution up to EI120 for ventilation and smoke extraction ducts  | EN 1366-1<br>EN 1366-8 |
| Material               | -      | -    | Protect BSF viscous paint is designed to be very thick and thixotropic and is used in order to create greater dry layer thicknesses<br>Classification according to Regulation (EC) No 1272/2008: Protect BSF is not classified according to CLP regulation<br>Classification according to Directive 67/548/EEC or Directive 1999/45/EC: not applicable<br>Information concerning particular hazards for human and environment: Protect BSF does not have to be labelled | -                      |
| Storage conditions     | -      | -    | Tightly closed in a dry place without direct sunlight. The unopened original container can be stored up to 18 months from date of production. Frost-free conditions should be kept for storage and transportation.  | -                      |
| Instructions for use   | -      | -    | Before use, material must be stirred well<br>Can be diluted up to 10 % or water<br>Application by brush, roller or spatula<br>Surface must be clean and dry and free of dust and grease<br>Touch dry: after 4 hours under normal conditions (20 °C, RH 50 %) completely dry 24 - 48 hours   | -                      |
| Processing temperature | T      | °C   | + 5 to 30 °C  | -                      |
| Packing                | -      | -    | 15kg per bucket / 400g per cartridge in a container of 12 pieces  | -                      |

### [www.isover-technical-insulation.com](http://www.isover-technical-insulation.com)

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