

## 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



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Reaction to fire	-	-	B2 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 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 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 Classification according to Regulation (EC) No 1272/2008: Protect BSF is not classified according to CLP regulation Classification according to Directive 67/548/ EEC or Directive 1999/45/EC: not applicable Information concerning particular hazards for human and environment: Protect BSF does not have to be labelled	-
Water behaviour	-	-	Water resistant	-
Storage conditions	-	-	T > 0 °C to + 35 °C Storage time 18 months after production date	-
Instructions for use	-	-	Before use, material must be stirred well Can be diluted up to 10 % or water Application by brush, roller or spatula Surface must be clean and dry and free of dust and grease 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	-	-	15 kg PP-bucket with lid 310 ml cartridges (12 units in box)	-

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

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