



## Protect BSF HVAC Insulation

### Protect, solutions for fire resistant ducts

ISOVER solutions for providing fire resistance in HVAC applications by using high performing ULTIMATE mineral wool and accessories. Protect solutions are designed for providing fire protection to air ducts and smoke extraction ducts. Installation guidelines must be followed and ISOVER Protect components must be used (U Protect 4.0, BSF, BSK, Black Tape and fire screws).



#### Fire protection

Protect range provides effective fire resistance, but also very good performance in reaction to fire.



#### Indoor air quality

ISOVER HVAC solutions help to reduce the sources of pollution as they comply with all existing requirements for indoor air quality.



#### Fast Installation

ISOVER products are designed for ease and speed of installation.



Certified together with  
U Protect Slab 4.0 and Wired Mat 4.0  
for fire protection of ducts.

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# Protect BSF

## HVAC Insulation



Characteristic	Symbol	Unit	Quantities and measured values	Standard
Application fields	-	-	ISOVER solutions for providing fire resistance in HVAC using Protect components. Protect solutions provide an easy to install and lightweight solution in fire classes EI15 - EI120.	EN 1366-1 EN 1366-8
Material	-	-	Highly thixotropic paint. Solvent free, pH neutral, white, water-based dispersion. Free of Volatile Organic Compounds (VOCs).	-
Processing temperature	-	-	Between 5 °C and 30 °C.	-
Behaviour in fire	-	-	When exposed to fire or heat, Protect BSF develops a micro-porous, insulating foam layer, protecting surfaces/areas from the influence of fire due to its low heat conductivity and the lack of oxygen.	-
Storage/Transport	-	-	Cold but frost protected. Protect BSF has a normal shelf life time of 12 months.	-
Packing	-	-	15 kg PP-buckets with lid. 310 ml cartridges (12 units in a cardboard-box).	-
Instruction for use	-	-	Before use, the material must be stirred well. Can be diluted with up to 10% clean water. Application by brush, roller or spatula. The surface should be clean, dry, free of grease. Touch dry: after 4 hours under normal conditions, completely dried after 24 to 48 hours.	-
Classification	-	-	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 45/EC: not applicable. Information concerning particular hazards for Human and environment: Protect BSF does not have to be labelled.	-

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

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