



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





HVAC Insulation: Protect, solutions for fire resistant ducts

Characteristic	Symbol	Unit	Quantities and measured values	Standard
Application field	-	-	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 Compunds (VOCs)	-
Processing temperature	T	°C	From + 5 to + 30	-
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 18 months	-
Packing	-	-	15 kg PP-bucket 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

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

SAINT-GOBAIN ISOVER · “Les Miroirs” · 18, avenue d’Alsace · 92400 Courbevoie · France