



## 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 BSK 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

## Protect BSK glue



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Reaction to fire	-	-	Non combustible, A1	DIN EN 13501
Chemical behaviour	-	-	Inorganic, alkaloid liquid sodium silicate glue Free of Volatile Organic compounds	-
Application field	-	-	Protect BSK glue 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	-	-	Inorganic Protect BSK glue Protect BSK contains no particular hazardous substances for human or environment so no classification according to CLP (EC) 1272/2008 or classification according to REACH (EC) 1907/2006 needed	-
Storage conditions	-	-	Tightly closed in a dry place at temperatures of +15 ° C to +25 ° C without direct sunlight. The unopened original container can be stored up to 12 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 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 Hardened after ~12 hours under normal conditions (20 °C, RH 50 %)	-
Processing temperature	T	°C	+ 8 to 30 °C	-
Packing	-	-	8 kg per bucket / 310 ml (530g) cartridge in a container of 20 pieces.	-

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

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