



## U Protect Vent Section Alu2

### Alu-Faced U Protect Vent Sections for fire rated circular ducts $\leq \text{Ø}250\text{mm}$

U Protect Vent Section Alu2 is part of ISOVER U Protect solutions for providing fire resistance in HVAC applications by using high performing ULTIMATE mineral wool.

U Protect Vent Section Alu2 provides top class insulation for fire rated ductwork and secures the building fire safety for fire resistance of the ducts and penetrations up to EI 60 according to EN 1366-1. It is a solution which is easy to install and lightweight to handle. It is efficient solution for thermal and acoustic insulation of HVAC duct system. Alufacing provides efficient water vapour barrier when intact and seems carefully taped.

U Protect Vent Sections are manufactured from inorganic chemically biosoluble materials and do not include anything that would have effect on corrosion and shall not facilitate microbial growth.

#### FIRE RESISTANCE



Passive fire protection system  
Non-combustible, Euroclass A<sub>2</sub>-s<sub>1</sub>,d<sub>0</sub>  
EI30/EI60

#### FAST INSTALLATION



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

#### THERMAL INSULATION



High class insulation keeps the medium temperature as designed and secures system operating with minimal losses

#### SOUND INSULATION



The ability of mineral wool to act as a spring results in reducing vibration and noise emissions in HVAC installations

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES						STANDARD
Thermal conductivity	T	[°C]	10	50	100	150	200	300	EN ISO 13787 EN ISO 849
	λ	[W/(m·K)]	0.032	0.037	0.043	0.052	0.062	0.092	
Thermal behaviour	-	[°C]	< 620°C (tape and alu-facing 80°C)						EN 14707
Melting point	-	-	> 1000°C						-

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Reaction to fire	-	-	Non combustible, Euroclass A <sub>2</sub> -s <sub>1</sub> ,d <sub>0</sub>	EN 13501-1
Water behaviour	-	-	Hydrophobic (WS1)	EN 12086
Chemical behaviour	-	-	Silicone-free Sulphide-free	AGI Q132
Application field	-	-	ISOVER U Protect Vent Section Alu2 provides top class insulation for fire rated ductwork up to EI 60 according to EN 1366-1. It includes thermal and acoustic insulation of HVAC duct systems, using ULTIMATE mineral wool. Alufacing provides efficient water vapour barrier when intact and seems carefully taped.	EN 1366-1 EN 14303
CE marking	-	-	MW-EN14303-T8-ST(+)-620-MV2-CL10 MW-EN14303-T9-ST(+)-620-MV2 -CL10	EN 14303
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001	EN ISO 9001 EN ISO 14001

## DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION\*

THICKNESS D [MM]	LENGTH [MM]	DIAMETER Ø [MM]								
		80	100	125	150	160	180	200	224	250
50	1,200	•	•	•	•	•	•	•	•	•
80	1,200	•	•	•	•	•	•	•	•	•

Vent Sections are alu-faced, slit open from one side and equipped with tape closure – further information on demand.

\* Check availability and delivery details from your local ISOVER supplier.



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

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