

Novo mesto: 30.06.2009

DECLARATION OF CONFORMITY

No. A/02/09

issued with the

EC CERTIFICATE OF CONFORMITY No. 0672 – CPD - I 14.2.01.U

We declare that the products manufactured in conformity with demands of EC Construction Products Directive (89/106/EEC) Mandate M/103 and stated in the enclosure No. 1, page 1; 2 and 3 are in

conformity

with the demands of the **Annex ZA** of **SIST EN 13162-2002 standard**

Thermal insulation products for buildings –

Factory made mineral wool (MW) products - Specification

Applied system of attestation of conformity of factory made product for uses subject to regulations on reaction to fire is **SYSTEM No 1 (ZA.2.2)**.

Applied system of attestation of conformity of factory made product for any intended use is **SYSTEM No 3 (ZA.2.1)**.

Company

URSA SLOVENIJA, d.o.o.
Povhova ulica 2
8000 Novo mesto, SLOVENIJA

Manufacturer

URSA SLOVENIJA, d.o.o.
Povhova ulica 2
8000 Novo mesto, SLOVENIJA

Products type

Thermal and sound insulation products made from glass wool for construction under the URSA brand name.

The name of the certification body

Materialprüfungsanstalt Universität Stuttgart
MPA Stuttgart, Otto-Graf-Institut
Pfaffenwaldring 4
D-70569 Stuttgart
Certification body number: **0672**

Managing Director,
Operating Unit South East

Igor Kržan



Plant Manager

Andrej Novak



Head of the Quality
Control Department

Jože Kocjančič



ENCLOSURE No.1 page 1
to the DECLARATION OF CONFORMITY No. A/02/09
and EC CERTIFICATE OF CONFORMITY No. 0672-CPD-I 14.2.01.U

This enclosure comprises the following products and their properties:

	Product name	Form	Facing	product thickness (mm)	Data declared by the producer in accordance with the EN 13162 standard - mineral wool (MW)										
					Declared thermal conductivity $\lambda_D, W/mK$	T thickness tolerance class	Dimensional stability at specified temperature	Long term water absorption	Water vapour Diffusion resistance class	Level of dynamic stiffness	Level of compressibility	Level of air flow resistivity	Tensile strength perpendicular to faces	Compressive strength	European class reaction to fire
1a	DF45	Rolls	-	40-240	0,045	T1	DS(T+)	-	MU1	-	-	-	-	-	A1
1b	ULF	Rolls	-	40-240	0,045	T1	DS(T+)	-	MU1	-	-	-	-	-	A1
	ULF GEMINI	Rolls	-	40-240	0,045	T1	DS(T+)	-	MU1	-	-	-	-	-	A1
	ULF/V*	Rolls	Vk;Vr	40-240	0,045	T1	DS(T+)	-	MU1	-	-	-	-	-	A1
	ELF	Rolls	-	40-240	0,045	T1	DS(T+)	-	MU1	-	-	-	-	-	A1
	ELF GEMINI	Rolls	-	40-240	0,045	T1	DS(T+)	-	MU1	-	-	-	-	-	A1
	ELF/V*	Rolls	Vk;Vr	40-240	0,045	T1	DS(T+)	-	MU1	-	-	-	-	-	A1
3a	DF42	Rolls	-	40-200	0,042	T2	DS(T+)	-	MU1	-	-	-	-	-	A1
	DF42GEMINI	Rolls	-	40-200	0,042	T2	DS(T+)	-	MU1	-	-	-	-	-	A1
	DF42/V*	Rolls	Va;Vk;Vr	40-200	0,042	T2	DS(T+)	-	MU1	-	-	-	-	-	A1
4a	DF40	Rolls	-	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	SF40	Rolls	-	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	TWF1	Rolls	-	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	TWF FONO	Rolls	-	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	PANDA	Rolls	-	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	SF40plus	Rolls	Va	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	DF40/V*	Rolls	Vk;Vr	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	DF40/DV*	Rolls	2xVk	40-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	TWF1/V*	Rolls	Vk	30-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	TWF1/DV*	Rolls	2xVk	40-240	0,040	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
4b	TWP1	Slabs	-	30-200	0,040	T3	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	FKP1	Slabs	-	80-200	0,040	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1

* Glass veil (V*) [white 18g/m2-marked Va // white 70g/m2- marked Vv// yellow 45 g/m2- marked Vk// black 60g/m2- marked Vf// black reinforced 60 g/m2- marked Vr]

Products can put in the market under the following trade names: »URSA Glasswool« , »ESSENTIA« and »365«.

ENCLOSURE No.1 page 2
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					Declared thermal conductivity $\lambda_D, W/mK$	Tthickness tolerance class	Dimensional stability at specified temperature	Long term water absorption	Water vapour Diffusion resistance class	Level of dynamic stiffness	Level of compressibility	Level of air flow resistivity	Tensile strength perpendicular to faces	Compressive strength	European class reaction to fire
7a	DF38	Rolls	-	40-240	0,038	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	SF38 plus	Rolls	Va	40-240	0,038	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	SF38	Rolls	-	40-240	0,038	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
7b	AKP1	Slabs	-	20-160	0,038	T3	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	FDP1	Slabs	-	40-200	0,038	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	KDP1	Slabs	-	40-200	0,038	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	FDP1/V*	Slabs	Vk;Vf	40-200	0,038	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	KDP1/V*	Slabs	Vk;Vf	40-200	0,038	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	AKP1/V*	Slabs	Vf	20-160	0,038	T3	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	AKP1/V*h	Slabs	Vf	30-160	0,038	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	9a	DF35	Rolls	-	25-240	0,035	T2	DS(T+)	-	MU1	-	-	AFr5	-	-
SF35		Rolls	-	25-240	0,035	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
SF35 plus		Rolls	Va	50-240	0,035	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
DF35/V*		Rolls	Vk;Vr	50-240	0,035	T2	DS(T+)	-	MU1	-	-	AFr5	-	-	A1

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					Declared thermal conductivity $\lambda_D, W/mK$	Thickness tolerance class	Dimensional stability at specified temperature	Long term water absorption	Water vapour Diffusion resistance class	Level of dynamic stiffness	Level of compressibility	Level of air flow resistivity	Tensile strength perpendicular to faces	Compressive strength	European class reaction to fire
9b	TWP2	Slabs	-	20-200	0,035	T3	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	AKP2	Slabs	-	20-200	0,035	T3	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	FDP2	Slabs	-	30-200	0,035	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	KDP2	Slabs	-	30-200	0,035	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	TWP2/V*	Slabs	Vk ; Vf	30-200	0,035	T3	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	AKP2/V*	Slabs	Vk ; Vf	20-200	0,035	T3	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	FDP2/V*	Slabs	Vk ; Vf	30-200	0,035	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	KDP2/V*	Slabs	Vk ; Vf	30-200	0,035	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	FDP2/DV*	Slabs	2x Vk ; Vf	30-200	0,035	T3	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
10a	FDP3	Slabs	-	20-120	0,034	T4	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	FDP3/V*	Slabs	Vk ; Vf	20-120	0,034	T4	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	FDP3/DV*	Slabs	2x Vk ; Vf	20-120	0,034	T4	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
10b	AKP4	Slabs	-	20-120	0,033	T4	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	AKP4h	Slabs	-	20-120	0,033	T4	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
	AKP4/V*	Slabs	Vv ; Vk ; Vf	20-120	0,033	T4	DS(T+)	-	MU1	-	-	AFr5	-	-	A1
	AKP4/Vh*	Slabs	Vv ; Vk ; Vf	20-120	0,033	T4	DS(T+)	WL(P)	MU1	-	-	AFr5	-	-	A1
11b	TFP	Slabs	-	20-40	0,032	T6	DS(T+)	-	MU1	#SD	CP5	AFr5	-	-	A1
	TSP	Slabs	-	20-50	0,032	T6	DS(T+)	-	MU1	#SD	CP5	AFr5	-	-	A1
	TEP	Slabs	-	15-40	0,032	T6	DS(T+)	-	MU1	#SD	CP3	AFr5	-	-	A1
	FDP5	Slabs	-	30-100	0,032	T4	DS(Th)	WL(P)	MU1	-	-	AFr5	TR1	CS(10)0,5	A1
		FDP5/V*	Slabs	Vv	30-100	0,032	T4	DS(Th)	WL(P)	MU1	-	-	AFr5	TR1	CS(10)0,5

* Glass veil (V*) [white 18g/m2-marked Va // white70g/m2- marked Vv// yellow 45 g/m2- marked Vk// black 60g/m2- marked Vf// black reinforced 60 g/m2- marked Vr]

Dynamic stiffness SD : 13=<thickness<=15 is 20 ; 15< thickness <=25 is 10; 25< thickness is 7

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