

# Certificate of constancy of performance

No. 0672-CPR-0319

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the

Construction Product(s) **Thermal insulation products for buildings -  
Factory made mineral wool (MW) products  
according to annex page 1 to 12 from 2016-12-12**

placed on the market  
under the name or trade  
mark of **URSA Slovenija, d.o.o  
Povhova ulica 2  
8000 Novo mesto  
Slovenia**

produced in the  
manufacturing plant(s) **8000 Novo mesto (factory U)  
Slovenia**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in

Annex ZA  
of the standard(s) **EN 13162:2012 + A1:2015**

under system **1**

for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on **2008-05-29** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

This document has been translated for informative purpose only. Original version is issued in German. In any case of doubt the German version is valid.



Stuttgart, 2016-12-12

A handwritten signature in blue ink that reads 'Laskowski'.

Dipl.-Ing. Christina Laskowski  
Dep head of Certification Body

The logo for DAKkS, consisting of a stylized 'D' and 'K' in red and black.

Deutsche  
Akkreditierungsstelle  
D-ZE-11016-01-00

## Annex 1

to the certificate of constancy of performance No. 0672-CPR-0319

Factory made mineral wool (MW)  
URSA Slovenija, d.o.o., 8000 Novo mesto (factory U)

Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
DF 45	A1	any thickness	≤ 80	≤ 7,5	-
DF 45/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 45/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
ULF	A1	any thickness	≤ 80	≤ 7,5	-
ULF/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
ULF/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
ULF GEMINI	A1	any thickness	≤ 80	≤ 7,5	-
ULF/(*) GEMINI	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
ULF/(*) GEMINI	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
90R	A1	any thickness	≤ 80	≤ 7,5	-
90R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
90R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

<sup>1)</sup> These products are also sold under the trademarks:

"URSA TECH", "URSA Glasswool", "ESSENTIA", "URSA TERRA", "URSA GEO" and "365", "URSA BiOnic", "URSA TERRA BiOnic"

<sup>2)</sup> Group of facings (\*)

Group (\*)<sup>3)</sup>

Vv one-sided white glass-fleece facing ≤ 80 g/m<sup>2</sup>

Vk one-sided yellow glass-fleece facing ≤ 45 g/m<sup>2</sup>

DVv two-sided yellow glass-fleece facing ≤ 45 g/m<sup>2</sup>

Vf one-sided black glass-fleece facing ≤ 70 g/m<sup>2</sup>

Vr one-sided black reinforced glass-fleece facing ≤ 70 g/m<sup>2</sup>

Group (\*)<sup>4)</sup>

Ah one-sided aluminium/scrim-composite-layer film facing ≤ 66 g/m<sup>2</sup>

Ge one-sided glass-fabric facing ≤ 125 g/m<sup>2</sup>

facings Ah and Ge glued with the hot-melt adhesive ≤ 7 g/m<sup>2</sup>

<sup>5)</sup> Glued mineral-wool boards

layers glued together with the Hotmelt adhesive, with an application-rate ≤ 20 g/m<sup>2</sup>

glass-fleece facing glued with the Hotmelt adhesive with an application-rate ≤ 7 g/m<sup>2</sup>

For application on wood-based materials with a thickness ≥ 10 mm and with a density ≥ 510 kg/m<sup>3</sup>, also on end-use substrates of classes A1 or A2-s1, d0.

<sup>6)</sup> Glued mineral-wool boards

Layers glued together with the Hotmelt adhesive, with an application-rate ≤ 20 g/m<sup>2</sup>

Mechanically fixed on wood substrates with a density ≥ 472,5 kg/m<sup>3</sup> and a thickness ≥ 10 mm and substrates of Euro class A1 or A2-s1, d0.

Stuttgart, 2016-12-12



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URSA Slovenija, d.o.o., 8000 Novo mesto (factory U)

Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
ELF	A1	any thickness	≤ 80	≤ 7,5	-
ELF/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
ELF/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
ELF GEMINI	A1	any thickness	≤ 80	≤ 7,5	-
ELF/(*) GEMINI	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
ELF/(*) GEMINI	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 44	A1	any thickness	≤ 80	≤ 7,5	-
DF 44/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 44/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 44 GEMINI	A1	any thickness	≤ 80	≤ 7,5	-
DF 44/(*) GEMINI	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 44/(*) GEMINI	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
88R	A1	any thickness	≤ 80	≤ 7,5	-
88R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
88R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 42	A1	any thickness	≤ 80	≤ 7,5	-
DF 42/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 42/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 42 PRACTIC	A1	any thickness	≤ 80	≤ 7,5	-
DF 42/(*) PRACTIC	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 42/(*) PRACTIC	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 42 GEMINI	A1	any thickness	≤ 80	≤ 7,5	-
DF 42/(*) GEMINI	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 42/(*) GEMINI	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
84R	A1	any thickness	≤ 80	≤ 7,5	-
84R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
84R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 40	A1	any thickness	≤ 80	≤ 7,5	-
DF 40/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 40/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 40h	A1	any thickness	≤ 80	≤ 7,5	-
DF 40h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 40h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 40	A1	any thickness	≤ 80	≤ 7,5	-
SF 40/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 40/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 40h	A1	any thickness	≤ 80	≤ 7,5	-
SF 40h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 40h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 40 Plus	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 40 Plus	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
TWF FONO	A1	any thickness	≤ 80	≤ 7,5	-
TWF/(*) FONO	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWF/(*) FONO	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
Panda	A1	any thickness	≤ 80	≤ 7,5	-
Panda/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
Panda/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
80R	A1	any thickness	≤ 80	≤ 7,5	-
80R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
80R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
80Rh	A1	any thickness	≤ 80	≤ 7,5	-
80Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
80Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FONO 80R	A1	any thickness	≤ 80	≤ 7,5	-
FONO 80R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FONO 80R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
TWP 1	A1	any thickness	≤ 80	≤ 7,5	-
TWP 1/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWP 1/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FKP 1	A1	any thickness	≤ 80	≤ 7,5	-
FKP 1/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FKP 1/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
80P	A1	any thickness	≤ 80	≤ 7,5	-
80P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
80P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
80Ph	A1	any thickness	≤ 80	≤ 7,5	-
80Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
80Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 39	A1	any thickness	≤ 80	≤ 7,5	-
DF 39/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 39/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 39h	A1	any thickness	≤ 80	≤ 7,5	-
DF 39h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 39h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Factory made mineral wool (MW)  
URSA Slovenija, d.o.o., 8000 Novo mesto (factory U)

Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
Panda 39	A1	any thickness	≤ 80	≤ 7,5	-
Panda 39/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
Panda 39/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 39 Silver	A1	any thickness	≤ 80	≤ 7,5	-
DF 39/(*) Silver	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 39/(*) Silver	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 39	A1	any thickness	≤ 80	≤ 7,5	-
SF 39/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 39/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 39h	A1	any thickness	≤ 80	≤ 7,5	-
SF 39h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 39h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 39 Plus	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 39 Plus	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
78R	A1	any thickness	≤ 80	≤ 7,5	-
78R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
78R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
78Rh	A1	any thickness	≤ 80	≤ 7,5	-
78Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
78Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
TWF 1	A1	any thickness	≤ 80	≤ 7,5	-
TWF 1/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWF 1/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
TWP 19	A1	any thickness	≤ 80	≤ 7,5	-
TWP 19/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWP 19/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
TWP Silentio	A1	any thickness	≤ 80	≤ 7,5	-
TWP/(*) Silentio	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWP/(*) Silentio	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FKP 39	A1	any thickness	≤ 80	≤ 7,5	-
FKP 39/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FKP 39/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FKP 19	A1	any thickness	≤ 80	≤ 7,5	-
FKP 19/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FKP 19/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
78P	A1	any thickness	≤ 80	≤ 7,5	-
78P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
78P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
78Ph	A1	any thickness	≤ 80	≤ 7,5	-
78Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
78Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Factory made mineral wool (MW)  
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Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
DF 38	A1	any thickness	≤ 80	≤ 7,5	-
DF 38/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 38/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 38h	A1	any thickness	≤ 80	≤ 7,5	-
DF 38h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 38h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
Panda 38	A1	any thickness	≤ 80	≤ 7,5	-
Panda 38/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
Panda 38/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
TWF 38	A1	any thickness	≤ 80	≤ 7,5	-
TWF 38/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWF 38/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 38	A1	any thickness	≤ 80	≤ 7,5	-
SF 38/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 38/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 38h	A1	any thickness	≤ 80	≤ 7,5	-
SF 38h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 38h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 38 Plus	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 38 Plus	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FONLESS	A1	any thickness	≤ 80	≤ 7,5	-
FONLESS/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FONLESS/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
76R	A1	any thickness	≤ 80	≤ 7,5	-
76R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
76R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
76Rh	A1	any thickness	≤ 80	≤ 7,5	-
76Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
76Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
AKP 1	A1	any thickness	≤ 80	≤ 7,5	-
AKP 1/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
AKP 1/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FDP 1	A1	any thickness	≤ 80	≤ 7,5	-
FDP 1/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FD P 1/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
KDP 1	A1	any thickness	≤ 80	≤ 7,5	-
KDP 1/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
KDP 1/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
76P	A1	any thickness	≤ 80	≤ 7,5	-
76P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
76P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
76Ph	A1	any thickness	≤ 80	≤ 7,5	-
76Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
76Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Factory made mineral wool (MW)  
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Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
DF 37	A1	any thickness	≤ 80	≤ 7,5	-
DF 37/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 37/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 37h	A1	any thickness	≤ 80	≤ 7,5	-
DF 37h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 37h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 37 Optimum	A1	any thickness	≤ 80	≤ 7,5	-
DF 37/(*) Optimum	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 37/(*) Optimum	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
TWF 37	A1	any thickness	≤ 80	≤ 7,5	-
TWF 37/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWF 37/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 37	A1	any thickness	≤ 80	≤ 7,5	-
SF 37/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 37/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 37h	A1	any thickness	≤ 80	≤ 7,5	-
SF 37h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 37h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 37 Plus	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 37 Plus	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
74R	A1	any thickness	≤ 80	≤ 7,5	-
74R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
74R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
74Rh	A1	any thickness	≤ 80	≤ 7,5	-
74Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
74Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
AKP 17	A1	any thickness	≤ 80	≤ 7,5	-
AKP 17/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
AKP 17/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FKP 37	A1	any thickness	≤ 80	≤ 7,5	-
FKP 37/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FKP 37/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FDP 17	A1	any thickness	≤ 80	≤ 7,5	-
FDP 17/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FDP 17/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
74P	A1	any thickness	≤ 80	≤ 7,5	-
74P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
74P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
74Ph	A1	any thickness	≤ 80	≤ 7,5	-
74Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
74Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
DF 35	A1	any thickness	≤ 80	≤ 7,5	-
DF 35/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 35/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 35h	A1	any thickness	≤ 80	≤ 7,5	-
DF 35h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 35h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 35 Gold	A1	any thickness	≤ 80	≤ 7,5	-
DF 35/(*) Gold	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 35/(*) Gold	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 35	A1	any thickness	≤ 80	≤ 7,5	-
SF 35/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 35/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF35h	A1	any thickness	≤ 80	≤ 7,5	-
SF 35h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 35h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 35 Plus	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 35 Plus	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
70R	A1	any thickness	≤ 80	≤ 7,5	-
70R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
70R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
70Rh	A1	any thickness	≤ 80	≤ 7,5	-
70Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
70Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 70R	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 70R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 70R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 70Rh	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 70Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 70Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Factory made mineral wool (MW)  
URSA Slovenija, d.o.o., 8000 Novo mesto (factory U)

Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
TWP 2	A1	any thickness	≤ 80	≤ 7,5	-
TWP 2/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
TWP 2/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
AKP 2	A1	any thickness	≤ 80	≤ 7,5	-
AKP 2/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
AKP 2/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FDP 2	A1	any thickness	≤ 80	≤ 7,5	-
FDP 2/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FDP 2/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
KDP 2	A1	any thickness	≤ 80	≤ 7,5	-
KDP 2/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
KDP 2/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
70P	A1	any thickness	≤ 80	≤ 7,5	-
70P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
70P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
70Ph	A1	any thickness	≤ 80	≤ 7,5	-
70Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
70Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 70P	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 70P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 70P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 70Ph	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 70Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 70Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 70P XL	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 70P XL/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 70P XL/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 70Ph XL	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 70Ph XL/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 70Ph XL/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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URSA Slovenija, d.o.o., 8000 Novo mesto (factory U)

Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
DF 34	A1	any thickness	≤ 80	≤ 7,5	-
DF 34/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 34/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 34h	A1	any thickness	≤ 80	≤ 7,5	-
DF 34h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 34h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 34	A1	any thickness	≤ 80	≤ 7,5	-
SF 34/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 34/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 34h	A1	any thickness	≤ 80	≤ 7,5	-
SF 34h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 34h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 34 Plus	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 34 Plus	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
68R	A1	any thickness	≤ 80	≤ 7,5	-
68R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
68R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
68Rh	A1	any thickness	≤ 80	≤ 7,5	-
68Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
68Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 68R	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 68R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 68R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 68Rh	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 68Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 68Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Factory made mineral wool (MW)  
URSA Slovenija, d.o.o., 8000 Novo mesto (factory U)

Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
AKP 3	A1	any thickness	≤ 80	≤ 7,5	-
AKP 3/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
AKP 3/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FDP 3	A1	any thickness	≤ 80	≤ 7,5	-
FDP 3/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FDP 3/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
68P	A1	any thickness	≤ 80	≤ 7,5	-
68P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
68P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
68Ph	A1	any thickness	≤ 80	≤ 7,5	-
68Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
68Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 68P	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 68P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 68P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 68Ph	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 68Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 68Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 68P XL	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 68P XL/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 68P XL/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
PLUS 68Ph XL	A1	any thickness	≤ 80	≤ 7,5	-
PLUS 68Ph XL/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
PLUS 68Ph XL/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
AKP 4	A1	any thickness	≤ 80	≤ 7,5	-
AKP 4/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
AKP 4/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
AKP 4h	A1	any thickness	≤ 80	≤ 7,5	-
AKP 4h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
AKP 4h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
FDP 4	A1	any thickness	≤ 80	≤ 7,5	-
FDP 4/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FDP 4/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
66P	A1	any thickness	≤ 80	≤ 7,5	-
66P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
66P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
66Ph	A1	any thickness	≤ 80	≤ 7,5	-
66Ph/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
66Ph/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>

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Factory made mineral wool (MW)  
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Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
DF 32	A1	any thickness	≤ 80	≤ 7,5	-
DF 32/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 32/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 32 Platinum	A1	any thickness	≤ 80	≤ 7,5	-
DF 32/(*) Platinum	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 32/(*) Platinum	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DF 32h	A1	any thickness	≤ 80	≤ 7,5	-
DF 32h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
DF 32h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 32	A1	any thickness	≤ 80	≤ 7,5	-
SF 32/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 32/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
SF 32h	A1	any thickness	≤ 80	≤ 7,5	-
SF 32h/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
SF 32h/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
64R	A1	any thickness	≤ 80	≤ 7,5	-
64R/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
64R/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
64Rh	A1	any thickness	≤ 80	≤ 7,5	-
64Rh/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
64Rh/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
TFP	A1	any thickness	≤ 80	≤ 7,5	-
TSP	A1	any thickness	≤ 80	≤ 7,5	-
SOL 64P	A1	any thickness	≤ 80	≤ 7,5	-
TEP	A1	any thickness	≤ 80	≤ 7,5	-
KDP 5	A1	any thickness	≤ 80	≤ 7,5	-

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Factory made mineral wool (MW)  
URSA Slovenija, d.o.o., 8000 Novo mesto (factory U)

Product <sup>1)</sup>	Fire classification according EN 13501-1	Field of application of the classification of product			
		Thickness [mm]	Density range [kg/m <sup>3</sup> ]	Organic content [% w/w]	Facing <sup>2)</sup>
AKP 5	A1	any thickness	≤ 80	≤ 7,5	-
AKP 5/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
AKP 5/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
AKP 5M/(*) <sup>5)</sup>	A2-s1,d0	≥ 158	42	≤ 8,4	Vv
DPT	A1	any thickness	≤ 80	≤ 7,5	-
DPU	A1	any thickness	≤ 80	≤ 7,5	-
DPV	A1	any thickness	≤ 80	≤ 7,5	-
DPX	A1	any thickness	≤ 80	≤ 7,5	-
DPY	A1	any thickness	≤ 80	≤ 7,5	-
FDP 5	A1	any thickness	≤ 80	≤ 7,5	-
FDP 5/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
FDP 5/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
DPT <sub>h</sub>	A1	any thickness	≤ 80	≤ 7,5	-
DPU <sub>h</sub>	A1	any thickness	≤ 80	≤ 7,5	-
DPV <sub>h</sub>	A1	any thickness	≤ 80	≤ 7,5	-
DPX <sub>h</sub>	A1	any thickness	≤ 80	≤ 7,5	-
DPY <sub>h</sub>	A1	any thickness	≤ 80	≤ 7,5	-
62P	A1	any thickness	≤ 80	≤ 7,5	-
62P/(*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
62P/(*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
62P <sub>h</sub>	A1	any thickness	≤ 80	≤ 7,5	-
62P <sub>h</sub> (*)	A1	any thickness	≤ 45	≤ 5,4	(*) <sup>3)</sup>
62P <sub>h</sub> (*)	A1	any thickness	≤ 40	≤ 5,0	(*) <sup>4)</sup>
MultiSOL <sup>6)</sup>	A2-s1,d0	43 – 138	90	≤ 7,9	-
MultiSOL XL <sup>6)</sup>	A2-s1,d0	43 – 138	90	≤ 7,9	-
MultiSOL XXL <sup>6)</sup>	A2-s1,d0	43 – 138	90	≤ 7,9	-

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