Declaration of Performance



T4305FPCPR

1. Unique identification code of the product-type:

Power-tek WM 660 GGN, Power-tek WM 660 GSN, Power-tek WM 660 SSN, Power-tek WM 660 GGA, Power-tek WM 660 GSA, Power-tek WM 660 SSA, Power-tek FM 660, Power-tek FM 660 ALU, Fire-tek WM 910 GGA, Fire-tek WM 910 GGN, Power-tek WM 660 GGV, Fire-tek WM 910 GGB, Fire-tek FM 910 ALB, Power-tek WM 660 GSV, Power-tek WM 660 SSV, Power-tek WM 910 GGA, Power-tek WM 910 GGN

2. Intended use or uses:

Thermal Insulation products for building equipment and industrial installations

3. Manufacturer:

Knauf Insulation d.o.o. Varaždinska 140, 42220 Novi Marof Croatia www.knaufinsulation.com - dop@knaufinsulation.com

4. <u>Authorised representative:</u>

Not applicable

5. System or systems of assessment and verification of constancy of performance:

AVCP System 1 for Reaction to Fire AVCP System 3 for the other characteristics

6a. Harmonized Standard:

EN 14303:2009 + A1:2013

Notified body or bodies:

AVCP System 1: (Notified certification body) 0751 - Forschungsinstitut für Wärmeschutz e. V. München FIW München ---

AVCP System 3: (Notified testing laboratory) 0751 - Forschungsinstitut für Wärmeschutz e. V. München FIW München --- --- ---

6b. European Assessment document: not applicable

European Technical Assessment: not applicable Technical Assessment Body: not applicable

Notified body/ies: not applicable

7. <u>Declared Performances:</u>

See next page

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T4305FPCPR Fire-teK FM 910 ALB



Essential Characteristics		T4305FPCPR		Harmonised Technic
	Performance		Fire-teK FM 910 ALB	Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	-
Water Permeability	Water Absorption		WS1	
Water Vapour Permeability	Water Vapour Diffusion Re	Water Vapour Diffusion Resistance		
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	_
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	ostances	NPD	
Continuous glowing combustion	Continuous glowing com	bustion	NPD	
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	Thermal Conductivi	ty	NPD {c}	_
ageing/degradation	Dimensional Stabili		NPD	_
	Maximum service temperature - dimensional stability		ST(+)660	
	Durability characteris	tics	NPD	
Durability of reaction to fire against high temperature	Durability characteris	tics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	tics	NPD {c}	_
temperature	Maximum service temperature stability		ST(+)660	
Thermal Resistance	Dimensions & Tolera	nces	30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	
		200	0,062	
		300	0,083	
		400	0,110	
		500	0,145	
		600	0,179	
		660	0,210	
		NPD	NPD	

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T4305FPCPR Fire-teK WM 910 GGA



Essential Characteristics		T4305FPCPR		Harmonised Technica
	Performance		Fire-teK WM 910 GGA	Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	_
Water Permeability	Water Absorption		WS1	-
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD	-
Rate of release of corrosive substances	Trace quantities of water-soluble value	ons and the pH-	CL10	-
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	estances	NPD	-
Continuous glowing combustion	Continuous glowing combustion		NPD	1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	Thermal Conductivi	ty	NPD {c}	-
ageing/degradation	Dimensional Stabili	ty	NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	_
	Durability characteris	tics	NPD	-
Durability of reaction to fire against high temperature	Durability characteris	tics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	tics	NPD {c}	_
temperature	Maximum service temperature stability		ST(+)660	-
Thermal Resistance	Dimensions & Tolerar	nces	30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	1
		200	0,062	1
		300	0,083	1
		400	0,110	1
		500	0,145	1
		600	0,179	1
		660	0,210	1
				1

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T4305FPCPR Fire-teK WM 910 GGB



Essential Characteristics		T4305FPCPR		Harmonised Technic
	Performance		Fire-teK WM 910 GGB	Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	
Water Permeability	Water Absorption		WS1	-
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ons and the pH-	CL10	_
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	stances	NPD	
Continuous glowing combustion	Continuous glowing com	Continuous glowing combustion		1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	_
ageing/degradation	Dimensional Stabili	cy	NPD	-
	Maximum service temperature - dimension stability		ST(+)660	_
	Durability characteris	tics	NPD	-
Durability of reaction to fire against high temperature	Durability characteris	tics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	tics	NPD {c}	-
temperature	Maximum service temperature stability		ST(+)660	_
Thermal Resistance	Dimensions & Tolerar	nces	30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	1
		200	0,062	1
		300	0,083	1
		400	0,110	1
		500	0,145	1
		600	0,179	1
		660	0,210	1
				1

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T4305FPCPR Fire-teK WM 910 GGN



Essential Characteristics		T4305FPCPR		Harmonised Technica Standard	
	Performance		Fire-teK WM 910 GGN		
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption		NPD	_	
Water Permeability	Water Absorption		WS1	-	
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-	
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD		
Rate of release of corrosive substances	Trace quantities of water-soluble value	ons and the pH-	CL10		
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	estances	NPD	-	
Continuous glowing combustion	Continuous glowing com	Continuous glowing combustion		1	
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	-	
Durability of thermal resistance against	ainst Thermal Conductivity		NPD {c}		
ageing/degradation	Dimensional Stability		NPD	-	
	Maximum service temperature - dimensional stability		ST(+)660	-	
	Durability characteris	tics	NPD	-	
Durability of reaction to fire against high temperature	Durability characteris	tics	NPD {d}		
Durability of thermal resistance against high	Durability Characteris	tics	NPD {c}	_	
temperature	Maximum service temperature stability		ST(+)660	_	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	-	
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	1	
		200	0,062	-	
		300	0,083	1	
		400	0,110	1	
		500	0,145	1	
		600	0,179	1	
		660	0,210	1	
		NPD	NPD	Ⅎ	

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T4305FPCPR Power-teK FM 660



Essential Characteristics		T4305FPCPR Harmonised Techn			
	Performance		Power-teK FM 660	Standard	
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption	1	NPD		
Water Permeability	Water Absorption		WS1	-	
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	_	
Compressive Strength	Compressive Stress or Compress Flat Products		NPD		
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10		
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	ostances	NPD		
Continuous glowing combustion	Continuous glowing com	bustion	NPD	7	
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}		
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	-	
ageing/degradation	Dimensional Stability		NPD	-	
	Maximum service temperature - dimensional stability		ST(+)660		
	Durability characteris	stics	NPD	-	
Durability of reaction to fire against high temperature	Durability characteris	stics	NPD {d}		
Durability of thermal resistance against high	Durability Characteri	stics	NPD {c}	_	
temperature	Maximum service temperature stability		ST(+)660		
Thermal Resistance	Dimensions & Tolera	nces	30 - 100 / T2		
	Thermal conductivity (W/mk) at	50	0,040	4	
	Temperature in °C	100	0,046	-	
		200		4	
		300	0,062	4	
		400	0,083	4	
			0,110	_	
		500	0,145	_	
		600	0,179	_	
		660	0,210	_	
	I .	NPD	NPD	1	

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T4305FPCPR Power-teK FM 660 ALU



Essential Characteristics		T4305FPCPR Harmonised Tech			
	Performance		Power-teK FM 660 ALU	Standard	
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption	1	NPD	_	
Water Permeability		Water Absorption		-	
Water Vapour Permeability	Water Vapour Diffusion Resistance		WS1 MV2	-	
Compressive Strength	Compressive Stress or Compressive Strength for		NPD	-	
Compressive Strength	Flat Products	ive strength for	NFD		
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	-	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	ostances	NPD	-	
Continuous glowing combustion	Continuous glowing com	bustion	NPD	1	
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	-	
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	-	
ageing/degradation	Dimensional Stability		NPD	-	
	Maximum service temperature - dimensional stability		ST(+)660	_	
	Durability characteris	stics	NPD	-	
Durability of reaction to fire against high temperature	Durability characteris		NPD {d}	-	
Durability of thermal resistance against high	Durability Characteri	stics	NPD {c}	-	
temperature		Maximum service temperature - dimensional		-	
	stability		ST(+)660		
Thermal Resistance	Dimensions & Tolera	nces	30 - 100 / T2		
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	-	
		200	0,062	-	
		300	0,083	-	
		400	0,110	-	
		500	0,145	-	
		600	0,179	-	
		660	0,210	-	
		NPD	NPD	-	
	NPD - No performanc				

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T4305FPCPR Power-tek WM 660 GGA



Essential Characteristics		T4305FPCPR		Harmonised Technica
	Performance		Power-teK WM 660 GGA	- Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	_
Water Permeability	Water Absorption		WS1	-
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ons and the pH-	CL10	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	ostances	NPD	
Continuous glowing combustion	Continuous glowing combustion		NPD	1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	thermal resistance against Thermal Conductivity		NPD {c}	
ageing/degradation	Dimensional Stabili		NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	
	Durability characteris	tics	NPD	-
Durability of reaction to fire against high temperature	Durability characteris	tics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	tics	NPD {c}	-
temperature	Maximum service temperature stability		ST(+)660	
Thermal Resistance	Dimensions & Tolerar	Dimensions & Tolerances		
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,083	1
		400	0,110	1
		500	0,145	
		600	0,179	1
		660	0,210	1
		NPD	NPD	1

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T4305FPCPR Power-tek WM 660 GGN



Essential Characteristics		T4305FPCPR		Harmonised Technic
	Performance	Performance Power-teK WM (- Standard
Reaction to fire	action to fire Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	
Water Permeability	Water Absorption		WS1	-
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ons and the pH-	CL10	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	stances	NPD	
Continuous glowing combustion	Continuous glowing com	Continuous glowing combustion		1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	Thermal Conductivi	ty	NPD {c}	-
ageing/degradation	Dimensional Stabili	:y	NPD	
	Maximum service temperature stability	Maximum service temperature - dimensional stability		
	Durability characteris	tics	NPD	
Durability of reaction to fire against high temperature	Durability characteris	tics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	tics	NPD {c}	
temperature	Maximum service temperature stability		ST(+)660	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,083	-
		400	0,110	•
		500	0,145	
		600	0,179	1
		660	0,210	1
		NPD	NPD	1

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T4305FPCPR Power-tek WM 660 GGV



Essential Characteristics		T4305FPCPR Harmonised Technic			
	Performance		Power-teK WM 660 GGV	Standard	
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption	1	NPD	-	
Water Permeability	Water Absorption		WS1	-	
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-	
Compressive Strength	Compressive Stress or Compress Flat Products		NPD		
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10		
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	ostances	NPD		
Continuous glowing combustion	Continuous glowing com	bustion	NPD	-	
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	-	
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	_	
ageing/degradation	Dimensional Stability		NPD	-	
	Maximum service temperature - dimensional stability		ST(+)660		
	Durability characteris	stics	NPD		
Durability of reaction to fire against high temperature	Durability characteris	stics	NPD {d}		
Durability of thermal resistance against high	Durability Characteri	stics	NPD {c}		
temperature	Maximum service temperature stability		ST(+)660		
Thermal Resistance	Dimensions & Tolera	nces	30 - 120 / T2	-	
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	-	
		200	0,062	-	
		300	0,083	-	
		400	0,110	-	
		500	0,145	-	
		600	0,179	-	
		660	0,210	-	
		NPD	NPD	-	
	NPD - No performanc				

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T4305FPCPR Power-tek WM 660 GSA



Essential Characteristics		T4305FPCPR		Harmonised Technica
	Performance		Power-teK WM 660 GSA	- Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	_
Water Permeability	Water Absorption		WS1	1
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	ostances	NPD	
Continuous glowing combustion	Continuous glowing combustion		NPD	1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	urability of thermal resistance against Thermal Conductivity		NPD {c}	
ageing/degradation	Dimensional Stability		NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	
	Durability characteris	tics	NPD	-
Durability of reaction to fire against high temperature	Durability characteris	tics	NPD {d}	-
Durability of thermal resistance against high	Durability Characteristics		NPD {c}	-
temperature	Maximum service temperature stability		ST(+)660	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	1
		300	0,083	1
		400	0,110	1
		500	0,145	1
		600	0,179	1
		660	0,210	

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T4305FPCPR Power-tek WM 660 GSN



Essential Characteristics	Harmonised Technical			
	Performance		Power-tek WM 660 GSN	Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption	1	NPD	
Water Permeability	Water Absorption		WS1	-
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-
Compressive Strength	Compressive Stress or Compress Flat Products	ive Strength for	NPD	-
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	-
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	ostances	NPD	
Continuous glowing combustion	Continuous glowing com	bustion	NPD	-
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	Thermal Conductiv	ity	NPD {c}	_
ageing/degradation	Dimensional Stability		NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	
	Durability characteris	stics	NPD	
Durability of reaction to fire against high temperature	Durability characteris	stics	NPD {d}	
Durability of thermal resistance against high	Durability Characteri	stics	NPD {c}	-
temperature	Maximum service temperature stability		ST(+)660	
Thermal Resistance	Dimensions & Tolera	nces	30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,083	-
		400	0,110	-
		500	0,145	-
		600	0,179	-
		660	0,210	-
		NPD	NPD	-
	NPD - No performanc	e determined		<u>I</u>

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T4305FPCPR Power-tek WM 660 GSV



Essential Characteristics		T4305FPCPR			
	Performance		Power-teK WM 660 GSV	- Standard	
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption	1	NPD	-	
Water Permeability	Water Absorption		WS1	-	
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-	
Compressive Strength	Compressive Stress or Compress Flat Products		NPD	-	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	-	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	ostances	NPD	-	
Continuous glowing combustion	Continuous glowing com	bustion	NPD	1	
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	-	
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	-	
ageing/degradation	Dimensional Stability		NPD	-	
	Maximum service temperature - dimensional stability		ST(+)660	-	
	Durability characteristics		NPD	-	
Durability of reaction to fire against high temperature	Durability characteris		NPD {d}		
Durability of thermal resistance against high	Durability Characteri	stics	NPD {c}	-	
temperature	Maximum service temperature stability		ST(+)660	_	
Thermal Resistance	Dimensions & Tolera	nces	30 - 120 / T2	_	
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	-	
		200	0,062	-	
		300	0,083	-	
		400	0,110	-	
		500	0,145	-	
		600	0,179	-	
		660	0,210	-	
		NPD	NPD	-	
	NPD - No performanc		=		

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T4305FPCPR Power-tek WM 660 SSA



Essential Characteristics		Harmonised Technical		
	T4305FPCPR Performance		Power-teK WM 660 SSA	Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption	1	NPD	-
Water Permeability	Water Absorption	1	WS1	-
Water Vapour Permeability	Water Vapour Diffusion R	esistance	NPD	-
Compressive Strength	Compressive Stress or Compress Flat Products	ive Strength for	NPD	-
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	-
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	ostances	NPD	-
Continuous glowing combustion	Continuous glowing com	bustion	NPD	-
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	-
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	
ageing/degradation	Dimensional Stability		NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	-
	Durability characteristics		NPD	-
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}	
Durability of thermal resistance against high	Durability Characteri	stics	NPD {c}	
temperature	Maximum service temperature - dimensional stability		ST(+)660	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,083	-
		400	0,110	-
		500	0,145	-
		600	0,179	-
		660	0,210	-
		NPD	NPD	-
	NPD - No performanc			

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T4305FPCPR Power-tek WM 660 SSN



Essential Characteristics	T4305FPCPR			Harmonised Technic	
	Performance		Power-teK WM 660 SSN	Standard	
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption	Sound Absorption			
Water Permeability	Water Absorption	1	WS1	1	
Water Vapour Permeability	Water Vapour Diffusion Re	Water Vapour Diffusion Resistance		1	
Compressive Strength	Compressive Stress or Compressi Flat Products	ve Strength for	NPD	-	
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH-value		CL10	-	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Substances		NPD		
Continuous glowing combustion	Continuous glowing com	bustion	NPD	1	
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	-	
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	-	
ageing/degradation	Dimensional Stability		NPD		
	Maximum service temperature - dimensional stability		ST(+)660		
	Durability characteristics		NPD	-	
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}	-	
Durability of thermal resistance against high	Durability Characteris	Durahility Characteristics		_	
temperature	Maximum service temperature - dimensional stability		NPD {c} ST(+)660	-	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	-	
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	1	
		200	0,062	-	
		300	0,083		
		400	0,110	1	
		500	0,145	1	
		600	0,179	1	
		660	0,210	1	
		NPD	NPD		

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T4305FPCPR Power-teK WM 660 SSV



Essential Characteristics		Harmonised Technical		
	Performance		Power-teK WM 660 SSV	- Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	
Water Permeability	Water Absorption		WS1	
Water Vapour Permeability	Water Vapour Diffusion R		NPD	
Compressive Strength	Compressive Stress or Compress Flat Products		NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	Substances NPD		
Continuous glowing combustion	Continuous glowing com	bustion	NPD	1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	_
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	
ageing/degradation	Dimensional Stability		NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	
	Durability characteristics		NPD	-
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}	
Durability of thermal resistance against high	Durability Characteri	Durahilia, Characteristics		
temperature			NPD {c} ST(+)660	_
	Maximum service temperature - dimensional stability		31(+)000	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	
	Temperature in °C	100	0,046	
		200	0,062	
		300	0,082	
		400	0,110	
		500	0,145	
		600	0,179	
		660	0,210	
	I .	NPD	NPD	I

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T4305FPCPR Power-teK WM 910 GGA



Essential Characteristics		Harmonised Technical		
	Performance		Power-teK WM 910 GGA	- Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption	Sound Absorption		-
Water Permeability	Water Absorption		NPD WS1	-
Water Vapour Permeability	Water Vapour Diffusion R		NPD	
Compressive Strength	Compressive Stress or Compress Flat Products		NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	-
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	Release of Dangerous Substances		
Continuous glowing combustion	Continuous glowing com	bustion	NPD	1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	_
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	
ageing/degradation	Dimensional Stability		NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	-
	Durability characteristics		NPD	-
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}	
Durability of thermal resistance against high	Durahilitu Characteristics		NPD {c}	-
temperature	Durability Characteristics Maximum service temperature - dimensional stability		ST(+)660	-
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	_
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,083	-
		400	0,110	-
		500	0,145	-
		600	0,179	-
		660	0,210	-
		NPD	NPD	-
	NPD - No performanc		MD	

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T4305FPCPR Power-teK WM 910 GGN



Essential Characteristics		Harmonised Technical		
	Performance		Power-teK WM 910 GGN	- Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption	1	NPD	
Water Permeability	Water Absorption	1	WS1	-
Water Vapour Permeability	Water Vapour Diffusion R		NPD	-
Compressive Strength	Compressive Stress or Compress Flat Products		NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL10	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sul	ostances	NPD	
Continuous glowing combustion	Continuous glowing com	bustion	NPD	-
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	-
ageing/degradation	Dimensional Stability		NPD	-
	Maximum service temperature - dimensional stability		ST(+)660	
	Durability characteristics		NPD	-
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}	
Durability of thermal resistance against high	Durahilitu Charactaristics		NPD {c}	
temperature	Durability Characteristics Maximum service temperature - dimensional stability		ST(+)660	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	
		300	0,082	
		400	0,110	
		500	0,145	
		600	0,179	
		660 NPD	0,210	
		עראו	NPD	

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8. Appropriate Technical Documentation and / or Specific Technical Documentation:

Not applicable

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for an on behalf of the manufacturer by:

Stjepan Mršić - Plant manager

(Name and function)

Novi Marof - 05-05-23

(Place and date of issue)

Footnotes

{a} The requirement on a certain characteristic is not applicable in those Member Stats (MSs) where there are no regulatory requirements on that characteristic for the intended use of the product. In this case, manufacturers placing their products on the market of these MSs are not obliged to determine nor declare the performance of their products with regard to this characteristic and the option 'No performance determined' (NPD) in the information accompanying the CE marking (see ZS.3) may be used. The NPD option may not be used, however, where the characteristic is subject to a threshold level (thermal resistance (thermal conductivity and thickness)).

{b} The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic contents, which cannot increase with time.

{c} Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

{d} The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

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