# Declaration of Performance



## T4305EPCPR

1. Unique identification code of the product-type:

Power-teK WM 640 GGN, Power-teK WM 640 GSN, Power-teK WM 640 SSN, Power-teK WM 640 GGA, Power-teK WM 640 GSA, Power-teK WM 640 SSA, Power-teK FM 640, Power-teK FM 640 ALU, Fire-teK WM 908 GGA, Fire-teK WM 908 GGN, Power-teK WM 640 GGV, Fire-teK WM 908 GGB, Fire-teK WM 909 GGB, Fire-teK FM 908 ALB, Fire-teK FM 909 ALB, Fire-teK FM 908 ALU

- 2. <u>Intended use or uses:</u> Thermal Insulation products for building equipment and industrial installations
- <u>Manufacturer:</u> Knauf Insulation d.o.o. Varaždinska 140, 42220 Novi Marof Croatia www.knaufinsulation.com - dop@knaufinsulation.com
- 4. <u>Authorised representative:</u> Not applicable
- 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. <u>Harmonized Standard:</u> 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

### T4305EPCPR Fire-teK FM 908 ALB



Essential Characteristics		Harmonised Technical		
	Performance		Fire-teK FM 908 ALB	Standard
Reaction to fire	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	esistance	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-	CL 10	_
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 Conductivity		NPD {c}	_
ageing/degradation	Dimensional Stability		NPD	-
	Maximum service temperature stability		NPD	_
	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	- dimensional	NPD	-
Thermal Resistance	Dimensions & Tolerar	nces	40 - 100 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
	500		0,163	-
		600	0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performance	e determined		

### T4305EPCPR Fire-teK FM 908 ALU



Essential Characteristics	teristics T4305EPCPR			
	Performance		Fire-teK FM 908 ALU	Standard
Reaction to fire	Reaction to fire		A1	EN 14303:2009 +
Reaction to fire	Keaction to me			A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	-
Water Permeability	Water Absorption		WS1	1
Water Vapour Permeability	Water Vapour Diffusion Re	esistance	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-	CL 10	_
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 Conductivity		NPD {c}	-
ageing/degradation	Dimensional Stability		NPD	_
	Maximum service temperature stability		NPD	_
	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	- dimensional	NPD	_
Thermal Resistance	Dimensions & Tolerar	nces	40 - 100 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	1
		200	0,064	1
		300	0,088	1
			0,122	1
	500		0,163	1
			0,212	1
		640	0,239	1
		NPD	NPD	1
	NPD - No performance	e determined		

### T4305EPCPR Fire-teK FM 909 ALB



Essential Characteristics	-	Harmonised Technical		
	Performance		Fire-teK FM 909 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	sistance	NPD	-
Compressive Strength	Compressive Stress or Compressiv Flat Products	ve Strength for	NPD	_
Rate of release of corrosive substances	Trace quantities of water-soluble i value	ons and the pH-	CL 10	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	stances	NPD	_
Continuous glowing combustion	Continuous glowing comb	oustion	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		NPD	
	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	dimensional	NPD	_
Thermal Resistance	Dimensions & Toleran	ces	40 - 100 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
	500 600		0,163	-
			0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performance	determined		

### T4305EPCPR Fire-teK WM 908 GGA



Essential Characteristics	tial Characteristics T4305EPCPR				
	Performance		Fire-teK WM 908 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	1	WS1	-	
Water Vapour Permeability	Water Vapour Diffusion Re	esistance	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-	CL 10	-	
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 Conductivity		NPD {c}	-	
ageing/degradation	Dimensional Stability		NPD	-	
	Maximum service temperature stability		NPD	_	
	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	stics	NPD {c}	-	
temperature	Maximum service temperature stability	- dimensional	NPD	-	
Thermal Resistance	Dimensions & Tolerar	nces	40 - 100 / T2	-	
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	-	
		200	0,064	-	
		300	0,088	-	
		400	0,122	-	
	500		0,163	-	
	60		0,212	-	
		640	0,239	-	
		NPD	NPD	1	
	NPD - No performance	e determined		·	

### T4305EPCPR Fire-teK WM 908 GGB



Essential Characteristics		Harmonised Technical		
	Performance		Fire-teK WM 908 GGB	_ Standard
Reaction to fire	Reaction to fire	Reaction to fire A1		EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	_
Water Permeability	Water Absorption	1	WS1	_
Water Vapour Permeability	Water Vapour Diffusion Re	esistance	NPD	_
Compressive Strength	Compressive Stress or Compressi Flat Products	ive Strength for	NPD	
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL 10	
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 ageing/degradation	Thermal Conductivity Dimensional Stability		NPD {c}	_
	Maximum service temperature stability		NPD	-
	Durability characteris	stics	NPD	
Durability of reaction to fire against high temperature	Durability characteris	stics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	stics	NPD {c}	_
temperature	Maximum service temperature stability	- dimensional	NPD	-
Thermal Resistance	Dimensions & Tolerar	nces	40 - 100 / T2	_
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
	500		0,163	-
			0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performance	e determined		1

### T4305EPCPR Fire-teK WM 908 GGN



Essential Characteristics		Harmonised Technical		
	Performance		Fire-teK WM 908 GGN	_ Standard
Reaction to fire	Reaction to fire A1		EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption		NPD	-
Water Permeability	Water Absorption	1	WS1	-
Water Vapour Permeability	Water Vapour Diffusion Re	esistance	NPD	-
Compressive Strength	Compressive Stress or Compressi Flat Products	ive Strength for	NPD	_
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL 10	_
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	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 stability		NPD	-
	Durability characteris	stics	NPD	-
Durability of reaction to fire against high temperature	Durability characteris	stics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	stics	NPD {c}	-
temperature	Maximum service temperature stability	- dimensional	NPD	-
Thermal Resistance	Dimensions & Tolera	nces	40 - 100 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
	500		0,163	-
		600	0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performance	e determined		

### T4305EPCPR Fire-teK WM 909 GGB



Essential Characteristics	al Characteristics T4305EPCPR			
	Performance		Fire-teK WM 909 GGB	_ Standard
Reaction to fire	Reaction to fire	Reaction to fire A1		EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	-
Water Permeability	Water Absorption	1	WS1	-
Water Vapour Permeability	Water Vapour Diffusion Re	esistance	NPD	-
Compressive Strength	Compressive Stress or Compressi Flat Products	ive Strength for	NPD	_
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL 10	_
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 ageing/degradation	Thermal Conductivity		NPD {c}	_
	Dimensional Stability Maximum service temperature - dimensional		NPD	-
	stability  Durability characteris	tics	NPD	-
Durability of reaction to fire against high	Durability characteris		NPD {d}	_
temperature		5005	Ni D (u)	
Durability of thermal resistance against high	Durability Characteris	stics	NPD {c}	-
temperature	Maximum service temperature stability	- dimensional	NPD	-
Thermal Resistance	Dimensions & Tolera	nces	60 - 80 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
	500		0,163	-
	60		0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performance	e determined		1

### T4305EPCPR Power-teK FM 640



Essential Characteristics		Harmonised Technical		
	Performance		Power-teK FM 640	Standard
Reaction to fire	Reaction to fire A1		EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption		NPD	_
Water Permeability	Water Absorptior	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-	CL 10	_
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 ageing/degradation	Thermal Conductivity		NPD {c}	_
		Dimensional Stability Maximum service temperature - dimensional stability		-
	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		640 °C	-
Thermal Resistance	Dimensions & Tolera	nces	30 - 100 / T2	_
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
	500 600		0,163	-
			0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performanc	e determined		1

#### T4305EPCPR Power-teK FM 640 ALU



Essential Characteristics		Harmonised Technical		
	Performance		Power-teK FM 640 ALU	– Standard
Reaction to fire	Reaction to fire A1		A1	EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption		NPD	-
Water Permeability	Water Absorption	1	WS1	-
Water Vapour Permeability	Water Vapour Diffusion Re	esistance	MV2	-
Compressive Strength	Compressive Stress or Compressi Flat Products	ive Strength for	NPD	-
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL 10	-
Release of Dangerous Substances to the indoor environment	Release of Dangerous Sub	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 (c)	-
	Maximum service temperature stability		640 °C	-
	Durability characteris	stics	NPD	-
Durability of reaction to fire against high temperature	Durability characteris	stics	NPD {d}	
Durability of thermal resistance against high	Durability Characteris	stics	NPD {c}	-
temperature	Maximum service temperature stability	- dimensional	640 °C	-
Thermal Resistance	Dimensions & Tolera	nces	30 - 100 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
	500		0,163	-
		600	0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performance	e determined		1

### T4305EPCPR Power-teK WM 640 GGA



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance		Power-teK WM 640 GGA	- Standard
Reaction to fire	Reaction to fire	Reaction to fire A1		
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-	CL 10	-
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			
ageing/degradation	Dimensional Stability		NPD {c}	-
	Maximum service temperature stability		640 °C	-
	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	- dimensional	640 °C	-
Thermal Resistance	Dimensions & Tolera	nces	30 - 120 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
		500	0,163	-
		600	0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performanc	e determined		<u> </u>

### T4305EPCPR Power-teK WM 640 GGN



Essential Characteristics T4305EPCPR				Harmonised Technical
	Performance		Power-teK WM 640 GGN	- 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 Compress Flat Products	ive Strength for	NPD	-
Rate of release of corrosive substances	Trace quantities of water-soluble value	ions and the pH-	CL 10	-
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 ageing/degradation	Thermal Conductivity Dimensional Stability		NPD {c}	-
	Maximum service temperature stability		640 °C	-
	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	- dimensional	640 °C	-
Thermal Resistance	Dimensions & Tolera	nces	30 - 120 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
		500	0,163	-
		600	0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performanc	e determined	l	1

### T4305EPCPR Power-teK WM 640 GGV



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance		Power-teK WM 640 GGV	- 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-	CL 10	-
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 (C)	-
	Maximum service temperature stability		640 °C	-
	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	- dimensional	640 °C	-
Thermal Resistance	Dimensions & Tolera	nces	30 - 120 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,064	-
		300	0,088	-
		400	0,122	-
		500	0,163	-
		600	0,212	-
		640	0,239	-
		NPD	NPD	-
	NPD - No performanc	e determined		

### T4305EPCPR Power-teK WM 640 GSA



Essential Characteristics		Harmonised Technical				
	Performance		Power-teK WM 640 GSA	_ Standard		
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013		
Acoustic Absorption Index	Sound Absorptior	1	NPD	_		
Water Permeability	Water Absorptior	1	WS1	-		
Water Vapour Permeability	Water Vapour Diffusion R	esistance	NPD	-		
Compressive Strength	Compressive Stress or Compressive Strength for Flat Products		NPD	-		
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH- value		CL 10	-		
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}	-		
	The second set of			-		
Durability of thermal resistance against ageing/degradation	Thermal Conductivity		NPD {c}	-		
	Dimensional Stability Maximum service temperature - dimensional stability		NPD 640 °C	-		
	Durability characteristics		NPD	-		
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}	-		
Durability of thermal resistance against high	Durability Characteristics		NPD {c}	-		
temperature	Maximum service temperature - dimensional stability		640 °C			
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	-		
	Thermal conductivity (W/mk) at	50	0,040	-		
	Temperature in °C	100	0,046	-		
		200	0,064	-		
		300	0,088	-		
		400	0,122	-		
		500	0,163	-		
		600	0,212	-		
		640	0,239	-		
		NPD	NPD	-		
	NPD - No performanc	e determined		1		

### T4305EPCPR Power-teK WM 640 GSN



Essential Characteristics		Harmonised Technical			
	Performance		Power-teK WM 640 GSN	- Standard	
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption	Sound Absorption NPD			
Water Permeability	Water Absorption		WS1	-	
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-	
Compressive Strength	Compressive Stress or Compressive Strength for Flat Products		NPD		
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH- value		CL 10		
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 ageing/degradation	Thermal Conductivity		NPD {c}	-	
	Dimensional Stability		NPD	-	
	Maximum service temperature - dimensional stability		640 °C	-	
	Durability characteristics		NPD	-	
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}	-	
Durability of thermal resistance against high	Durability Characteristics		NPD {c}	-	
temperature	Maximum service temperature - dimensional stability		640 °C	-	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	-	
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	-	
		200	0,064	1	
		300	0,088	1	
		400	0,122	1	
		500	0,163	1	
		600	0,212	1	
		640	0,239	1	
		NPD	NPD	-	
	NPD - No performanc	e determined		·	

### T4305EPCPR Power-teK WM 640 SSA



Essential Characteristics		Harmonised Technical				
	Performance		Power-teK WM 640 SSA	Standard		
Reaction to fire	Reaction to fire		A1	EN 14303:2009 + A1:2013		
Acoustic Absorption Index	Sound Absorptior	1	NPD	_		
Water Permeability	Water Absorption		WS1	-		
Water Vapour Permeability	Water Vapour Diffusion Resistance		NPD	-		
Compressive Strength	Compressive Stress or Compressive Strength for Flat Products		NPD			
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH- value		CL 10	-		
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 ageing/degradation	Thermal Conductivity		NPD {c}	-		
	Dimensional Stability		NPD			
	Maximum service temperature - dimensional stability		640 °C	-		
	Durability characteristics		NPD			
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}			
Durability of thermal resistance against high	Durability Characteristics		NPD {c}	-		
temperature	Maximum service temperature - dimensional stability		640 °C	-		
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	-		
	Thermal conductivity (W/mk) at	50	0,040	1		
	Temperature in °C	100	0,046	1		
		200	0,064	1		
		300	0,088	1		
		400	0,122	1		
		500	0,163	1		
		600	0,212	-		
		640	0,239	-		
		NPD	NPD	-		
	NPD - No performanc	e determined				

### T4305EPCPR Power-teK WM 640 SSN



Essential Characteristics		Harmonised Technical			
	Performance		Power-teK WM 640 SSN	- 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 Compressive Strength for Flat Products		NPD		
Rate of release of corrosive substances	Trace quantities of water-soluble ions and the pH- value		CL 10	-	
Release of Dangerous Substances to the indoor environment	Release of Dangerous Substances		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	The secol Conductivity		NPD {c}		
ageing/degradation	Thermal Conductivity		NPD (C)		
	Dimensional Stability Maximum service temperature - dimensional stability		640 °C	-	
	Durability characteristics		NPD	-	
Durability of reaction to fire against high temperature	Durability characteristics		NPD {d}		
Durability of thermal resistance against high	Durability Characteristics		NPD {c}	-	
temperature	Maximum service temperature - dimensional stability		640 °C	-	
Thermal Resistance	Dimensions & Tolerances		30 - 120 / T2	-	
	Thermal conductivity (W/mk) at	50	0,040	-	
	Temperature in °C	100	0,046	-	
		200	0,064	1	
		300	0,088	1	
		400	0,122	1	
		500	0,163	-	
		600	0,212	-	
		640	0,239	-	
		NPD	NPD	-	
	NPD - No performance	e determined		1	



#### 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-May-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.