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 080, Power-tek FM 640, Power-tek FM 080 ALU, 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 908 ALU

2. Intended use or uses:

Thermal Insulation products for building equipment and industrial installations

3. <u>Manufacturer:</u>

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

4. Authorised representative:

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. Declared Performances:

See next page

T4305EPCPR 03-Oct-22 Version 13.1 1/18

T4305EPCPR Fire-teK FM 908 ALB



Essential Characteristics	Essential Characteristics T4305EPCPR				
	Performance		Fire-teK FM 908 ALB	Standard	
Reaction to fire	Reaction to fire	Reaction to fire		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	1	
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	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		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	rtics	NPD {c}	_	
temperature	Maximum service temperature		NPD (C)	_	
	stability	differisional	111.5		
Thermal Resistance	Dimensions & Tolerar	nces	60 - 80 / T2	-	
	Thermal conductivity (W/mk) at	50	0,040	1	
	Temperature in °C	100	0,046	1	
		200	0,062	1	
		300	0,084	1	
		400	0,111	1	
		500	0,145	1	
		600	0,187	1	
		640	0,205	1	
		NPD	NPD	1	
	NPD - No performance	e determined			

T4305EPCPR 03-Oct-22 Version 13.1 2/18

T4305EPCPR Fire-teK FM 908 ALU



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance		Fire-teK FM 908 ALU	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	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 (C)	_
	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	rties	NPD {c}	_
temperature	Maximum service temperature		NPD (C)	_
	stability	- differisional	NFD	
Thermal Resistance	Dimensions & Tolerar	nces	60 - 80 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	1
	Temperature in °C	100	0,046	
		200	0,062	
		300	0,084	
		400	0,111	1
		500	0,145	
		600	0,187	
		640	0,205	
		NPD	NPD	
	NPD - No performance	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 3/18

T4305EPCPR Fire-teK FM 909 ALB



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance		Fire-teK FM 909 ALB	Standard
Reaction to fire	Reaction to fire	Reaction to fire		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	7
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	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 - dimensional stability		NPD	
	Durability characteris	tics	NPD	
Durability of reaction to fire against high temperature	Durability characteris	itics	NPD {d}	_
Durability of thermal resistance against high	Durability Characteris	rtics	NPD {c}	_
temperature	Maximum service temperature		NPD (C)	_
	stability	differisional	NID	
Thermal Resistance	Dimensions & Tolerar	nces	60 - 80 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	1
	Temperature in °C	100	0,046	1
		200	0,062	1
		300	0,084	1
		400	0,111	1
		500	0,145	1
		600	0,187	1
		640	0,205	1
		NPD	NPD	1
	NPD - No performance	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 4/18

T4305EPCPR Fire-teK WM 908 GGA



Essential Characteristics	Harmonised Technical			
	Performance	Performance		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	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 characteris	itics	NPD {b}	
	The word Conductivity		1122 ()	
Durability of thermal resistance against ageing/degradation	Thermal Conductivity Dimensional Stability		NPD {c}	_
	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	stics	NPD {c}	_
temperature	Maximum service temperature stability		NPD	-
Thermal Resistance	Dimensions & Tolerar	nces	60 - 80 / T2	-
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,084	-
		400	0,111	-
		500	0,145	-
		600	0,187	-
		640	0,205	-
		NPD	NPD	1
	NPD - No performance	e determined		1

T4305EPCPR 03-Oct-22 Version 13.1 5/18

T4305EPCPR Fire-teK WM 908 GGB



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance		Fire-teK WM 908 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 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	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 - 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	rties	NPD {c}	_
temperature	Maximum service temperature		NPD (c)	_
	stability	- uniterisional	NID	
Thermal Resistance	Dimensions & Tolerar	nces	60 - 80 / T2	1
	Thermal conductivity (W/mk) at	50	0,040	1
	Temperature in °C	100	0,046	1
		200	0,062	1
		300	0,084	1
		400	0,111	1
		500	0,145	1
		600	0,187	1
		640	0,205	1
		NPD	NPD	1
	NPD - No performance	e determined		1

T4305EPCPR 03-Oct-22 Version 13.1 6/18

T4305EPCPR Fire-teK WM 908 GGN



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance		Fire-teK WM 908 GGN	Standard
Reaction to fire	Reaction to fire A1		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	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 - 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	rties	NPD {c}	_
temperature	Maximum service temperature		NPD (C)	_
	stability	- difficitsional	NFD	
Thermal Resistance	Dimensions & Tolerar	nces	60 - 80 / T2	_
	Thermal conductivity (W/mk) at	50	0,040	1
	Temperature in °C	100	0,046	1
		200	0,062	
		300	0,084	1
		400	0,111	1
		500	0,145	
		600	0,187	1
		640	0,205	1
		NPD	NPD	1
	NPD - No performance	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 7/18

T4305EPCPR Fire-teK WM 909 GGB



Essential Characteristics T4305EPCPR				Harmonised Technical
	Performance		Fire-teK WM 909 GGB	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 (c)	_
	Maximum service temperature - dimensional 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	rtics	NPD {c}	_
temperature	Maximum service temperature		NPD (C)	_
	stability	- difficilisional	NFD	
Thermal Resistance	Dimensions & Tolerar	nces	60 - 80 / T2	_
	Thermal conductivity (W/mk) at	50	0,040	1
	Temperature in °C	100	0,046	1
		200	0,062	
		300	0,084	1
		400	0,111	1
		500	0,145	
		600	0,187	1
		640	0,205	1
		NPD	NPD	
	NPD - No performance	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 8/18

T4305EPCPR Power-teK FM 080 ALU, Power-teK FM 640 ALU



Essential Characteristics		T4305EPCPR		Harmonised Technical Standard
	Performance		Power-teK FM 080 ALU, Power-teK FM 640 ALU	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	esistance	MV2	1
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 characteris	Durability characteristics		-
	Thermal Conductivity			
Durability of thermal resistance against ageing/degradation			NPD {c}	-
	Dimensional Stability Maximum service temperature - dimensional 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	0,062	1
		300	0,084	-
		400	0,111	1
		500	0,145	1
		600	0,187	1
		640	0,205	1
		NPD	NPD	1
	NPD - No performance	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 9/18

T4305EPCPR Power-teK FM 080, Power-teK FM 640



Essential Characteristics		T4305EPCPR		
	Performance		Power-teK FM 080, Power- teK FM 640	Standard
Reaction to fire	Reaction to fire	Reaction to fire		EN 14303:2009 + A1:2013
Acoustic Absorption Index	Sound Absorption	Sound Absorption		
Water Permeability	Water Absorption		WS1	
Water Vapour Permeability	Water Vapour Diffusion Re	Water Vapour Diffusion Resistance		
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 characteris	etics	NPD {b}	
Durability of thermal resistance against	Thermal Conductivity		NPD {c}	
ageing/degradation	Dimensional Stability		NPD	
	Maximum service temperature - dimensional stability		640 °C	
	Durability characteris	stics	NPD	
Durability of reaction to fire against high temperature	Durability characteris	etics	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	0,062	
		300	0,084	
		400	0,111	
		500	0,145	1
		600	0,187	
		640	0,205	
		NPD	NPD	
	NPD - No performance	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 10/18

T4305EPCPR Power-tek WM 640 GGA



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance		Power-teK WM 640 GGA	Standard
Reaction to fire	Reaction to fire A1		EN 14303:2009 + A1:2013	
Acoustic Absorption Index	Sound Absorption		NPD	
Water Permeability	Water Absorption	ı	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	1
Durability of reaction to fire against ageing / degradation	Durability characteristics		NPD {b}	
Durability of thermal resistance against	Thormal Conductivi	Thermal Conductivity		
ageing/degradation	Dimensional Stability		NPD {c}	
	Maximum service temperature - dimensional stability		640 °C	
	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		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	0,062	-
		300	0,084	-
		400	0,111	
		500	0,145	-
		600	0,187	-
		640	0,205	-
		NPD	NPD	-
	NPD - No performance	e determined		<u> </u>

T4305EPCPR 03-Oct-22 Version 13.1 11/18

T4305EPCPR Power-tek WM 640 GGN



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance	Performance		Standard
Reaction to fire	Reaction to fire A1		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	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 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		640 °C	
	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		640 °C	
Thermal Resistance	Dimensions & Tolerar	nces	30 - 120 / T2	
	Thermal conductivity (W/mk) at	50	0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,084	1
		400	0,111	1
				4
		500	0,145	
		500 600	0,145	
			·	

T4305EPCPR 03-Oct-22 Version 13.1 12/18

T4305EPCPR Power-tek WM 640 GGV



Essential Characteristics	Essential Characteristics T4305EPCPR			
	Performance	Performance		- 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	1
Water Vapour Permeability	Water Vapour Diffusion Re	esistance	NPD	1
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 - dimensional 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	rtics	NPD {c}	-
temperature	Maximum service temperature stability		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	0,062	-
		300	0,084	1
		400	0,111	1
		500	0,145	1
		600	0,187	1
		640	0,205	1
		NPD	NPD	1
	NPD - No performanc	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 13/18

T4305EPCPR Power-tek WM 640 GSA



Essential Characteristics	T4305EPCPR			Harmonised Technical
	Performance		Power-teK WM 640 GSA	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 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	0,062	1
		300	0,084	1
		400	0,111	1
		500	0,145	1
		600	0,187	1
		640	0,205	1
		NPD	NPD	1
	NPD - No performanc	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 14/18

T4305EPCPR Power-tek WM 640 GSN



Essential Characteristics	T4305EPCPR			Harmonised Technical
	Performance	Performance		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 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	Thermal Conductivity		NPD {c}	
ageing/degradation	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	0,062	-
		300	0,084	-
		400	0,111	-
		500	0,145	1
		600	0,187	-
		640	0,205	1
		NPD	NPD	1
	NPD - No performance	e determined		

T4305EPCPR 03-Oct-22 Version 13.1 15/18

T4305EPCPR Power-tek WM 640 SSA



Essential Characteristics	T4305EPCPR			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 Absorption NPD			
Water Permeability	Water Absorption	1	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	Thormal Conductivity		NPD {c}	
ageing/degradation	Thermal Conductivity Dimensional Stability		NPD (C)	-
	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}	-
Durability of thermal resistance against high 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	0,062	-
		300	0,084	-
		400	0,111	-
		500	0,145	-
		600	0,187	-
		640	0,205	-
		NPD	NPD	-
	NPD - No performance			

T4305EPCPR 03-Oct-22 Version 13.1 16/18

T4305EPCPR Power-tek WM 640 SSN



Essential Characteristics	T4305EPCPR			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	ı	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	The armol Conductivity		NPD {c}	
ageing/degradation	Thermal Conductivity Dimensional Stability		NPD (C)	-
	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 & Tolera	,		-
	Thermal conductivity (W/mk) at	50	30 - 120 / T2 0,040	-
	Temperature in °C	100	0,046	-
		200	0,062	-
		300	0,084	-
		400	0,111	-
		500	0,145	-
		600	0,187	-
		640	0,205	-
		NPD	NPD	-
	NPD - No performance			

T4305EPCPR 03-Oct-22 Version 13.1 17/18



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 - 03-Oct-22

(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.

T4305EPCPR 03-Oct-22 Version 13.1 18/18