

# Declaration of Benefits

## G4232JPCPR

1. Unique identification code of the product type:  
TI 116, TI 416, TP 116, KIFIT 037, TP 416, TP 416 N, TM 100, ULTRACOUSTIC, CLOISON 037 NU, ULTRACOUSTIC P, EKOVETRO R, EKOVETRO P, TSP Solar Roll D 1.7, ULTRAVENT 037, TI 216, TP 216, Panneau Mur 037 kraft
2. Intended uses:  
Thermal insulation for buildings (ThIB)
3. Manufacturer:  
Knauf Insulation S.A.S.  
501 Voie Napoléon III, 65300 LANNEMEZAN  
France  
www.knaufinsulation.com - dop@knaufinsulation.com
4. Authorised representative: Not applicable.
5. Assessment and verification of constancy of performance (EVCP) systems: AVCP  
1 system for reaction to fire  
AVCP 3 system for the other features
- 6a. Harmonised standard:  
  
EN 13162:2012 + A1:2015  
  
Notified bodies:  
AVCP 1 system: ACERMI (notified certification body No 1163),  
AVCP 3 System: Centre Scientifique et Technique du Bâtiment (CSTB) (notified certification body No 0679)
- 6b. European Assessment Document: Not applicable  
European Technical Assessment: Not applicable  
Technical Assessment Body: Not applicable  
Notified Bodies: Not applicable
7. Declared benefits: See next page

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	CLOISON 037 NU	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 260	
	Thickness tolerance	T2	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	NPD	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	NPD	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	EKOVETRO P	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	NPD	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	NPD	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	EKOVETRO R	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 260	
	Thickness tolerance	T2	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	NPD	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	NPD	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	KIFIT 037	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 370	
	Thickness tolerance	T2	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	MU1	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	Panneau Mur 037 kraft	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D 0,037$	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200   200 - 370	
	Thickness tolerance	T4   T2	
Reaction to fire	Reaction to fire	F	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	Z3	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TI 116	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	MU1	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TI 216	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200   200 - 370	
	Thickness tolerance	T4   T2	
Reaction to fire	Reaction to fire	F	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	Z3	
Impact Noise Transmission Rate (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	NPD	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			



Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TI 416	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	MU1	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TM 100	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 370	
	Thickness tolerance	T2	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	MU1	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TP 116	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	MU1	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TP 216	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200   200 - 370	
	Thickness tolerance	T4   T2	
Reaction to fire	Reaction to fire	F	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	Z3	
Impact Noise Transmission Rate (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	NPD	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TP 416	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 200	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	MU1	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TP 416 N	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	40 - 200	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	MU1	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	TSP Solar Roll D 1.7	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 260	
	Thickness tolerance	T2	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	NPD	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	NPD	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	ULTRACOUSTIC	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 - 260	
	Thickness tolerance	T2	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	NPD	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	NPD	
Impact sound transmissions index (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			



Essential Features	G4232JPCPR		Harmonised technical standard
	Services	ULTRACOUSTIC P	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D$ 0,037	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	30 -220	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	NPD	
	Long-term water absorption	NPD	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	NPD	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

Essential Features	G4232JPCPR		Harmonised technical standard
	Services	ULTRAVENT 037	
Thermal resistance	Thermal conductivity (W/mK)	$\lambda_D 0,037$	EN 13162:2012 + A1:2015
	Thermal resistance	See product label.	
	Thickness range (mm)	40 - 240	
	Thickness tolerance	T4	
Reaction to fire	Reaction to fire	A1	
Durability of fire performance against heat, wear and tear, ageing/degradation	Durability characteristics	NPD {a}	
Durability of thermal resistance against heat, wear, ageing/degradation	Thermal resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive strength	Compressive stress	NPD	
	Point load	NPD	
Tensile / flexural strength	Tensile strength perpendicular to faces	NPD {d}	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	
Water permeability	Short-term water absorption	WS	
	Long-term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission / water vapour diffusion resistance factor	NPD	
Impact Noise Transmission Ratio (for floors)	Dynamic stiffness	NPD	
	thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	AFr5	
Sound absorption index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	AFr5	
Release of hazardous substances into the environment	Emission of hazardous substances	NPD {e}	
Continuous combustion	Continuous combustion	NPD {e}	
NPD - Non-determined benefit			

8. Appropriate technical documentation or specific technical documentation:

Not applicable.

The performance of the product identified above is in accordance with the declared performance package.

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

Heat resistance table														
[mm] [mm] [m <sup>2</sup> K/W]	30	40	50		70	80	90	100	110	120	130	140	150	160
.	0,80	1,05	1,35	1,60	1,85	2,15	2,40	2,70	2,95	3,20	3,50	3,75	4,05	4,30
[mm] [mm] [m <sup>2</sup> K/W]	170		190	200	210	220	230	240		260	270			
.	4,55	4,85	5,10	5,40	5,65	5,90	6,20	6,45	6,75	7,00	7,25	7,55	7,80	8,10
[mm] [mm] [m <sup>2</sup> K/W]	310	320	330	340	350	360	370							
.	8,35	8,60	8,90	9,15	9,45	9,70	10,00							

Franck Vincens - Plant Manager (name and manufacturer by: title)

Lannemezan - 11-02-19  
(Place and date of issue)

{a} No change in reaction to fire properties for WM products. The fire performance of WM does not deteriorate over time. The Euroclass classification of the product is related to the organic content, which cannot increase over time.

{b} The thermal conductivity of MW products does not vary with time, experience has shown that the fibrous structure is stable and the porosity does not contain gases other than atmospheric air.

{c} For dimensional stability of thickness only

{d} This feature also includes manipulation and installation

{e} European test methods are under development

{f} Also valid and applicable for multilayers