

Declaration of Performance



W4302GPCPR

1. Unique identification code of the product-type:
Tektalan A2-Basic, Tektalan A2-SmartTec, Tektalan A2-SmartTec [1.0] alpha, Tektalan A2-Protect, Tektalan A2-Protect [1.0], Tektalan A2-Lumax, Tektalan A2-Lumax [1.0], Tektalan A2-Silent, Tektalan A2-Silent [1.0], Tektalan Basic, Tektalan A2-Lumax-L, Tektalan A2-Lumax-L [1.0], ZEN Mineral [1.0], ZEN Mineral, Tektalan A2-SD TwinTec, Tektalan A2-Basic F, Tektalan A2-Basic [1.0] F, Tektalan A2-SmartTec [1.0]
2. Intended use or uses:
Thermal Insulation for Buildings (ThIB)
3. Manufacturer:
Knauf Insulation GmbH
Heraklithstraße 8, 84359 Simbach am Inn
Germany
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 A1, A2, B, C
AVCP System 3 for Reaction to Fire D, E
AVCP System 4 for Reaction to Fire F
AVCP System 3 for the other characteristics
- 6a. Harmonized Standard:

EN 13168:2012 + A1:2015

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

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Basic	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 300	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Basic [1.0] F	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 75 100 - 300	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Basic F	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 300	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Lumax	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	100 - 200	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Lumax [1.0]	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	100 - 200	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,90	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Lumax-L	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	100 - 200	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Lumax-L [1.0]	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	100 - 200	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,90	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Protect	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 200	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Protect [1.0]	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 200	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,90	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-SD TwinTec	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,037	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	75- 200	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)50	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR7,5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,85	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Silent	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,090 0,095 λ_D RMW = 0,039	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-Silent [1.0]	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,039	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,90	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-SmartTec	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 300	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-SmartTec [1.0]	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 75 100 - 300	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan A2-SmartTec [1.0] alpha	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 300	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,90	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	Tektalan Basic	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 300	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	B-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	ZEN Mineral	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 75	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

Essential Characteristics	W4302GPCPR		Harmonised technical standard
	Performance	ZEN Mineral [1.0]	
Thermal Resistance	Thermal conductivity (W/mK)	λ_D WW = 0,095 λ_D RMW = 0,034	EN 13168:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	50 - 75	
	Thickness tolerance	T1	
Reaction to Fire	Reaction to fire	A2-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	CS(10/Y)20	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	TR5 {d}	
	Bending strength	NPD {d}	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Water Permeability	Short term water absorption	NPD	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Acoustic absorption index	Sound absorption	α_w = 0,80	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD {e}	
Continuous glowing combustion	Continuous glowing combustion	NPD {e}	
NPD - No performance determined			

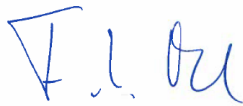
8. Appropriate Technical Documentation and / or Specific Technical Documentation:

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.

Franz Rankl - Plant manager
(Name and function)



Simbach - 23-11-23
(Place and date of issue)

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

{b} Thermal conductivity of WW 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

{c} For dimensional stability thickness only

{d} This characteristic also covers handling and installation

{e} European test methods are under development

{f} Also valid and applicable for multilayers