Declaration of Performance



G4248OPCPR

- Unique identification code of the product-type: Earthwool 032, Earthwool KD 032, Classic 032, Classic KD 032, Naturoll 032, TP 138 (Naturboard 032), Knauf Insulation 032, Knauf Insulation KD 032, Loftroll 032, TI 132U(Unifit 032), Acoustic Board, Earthwool Alu 032, Classic Alu 032, Naturoll Alu 032, Knauf Insulation Alu 032
- 2. <u>Intended use or uses:</u> Thermal Insulation for Buildings (ThIB)
- <u>Manufacturer:</u> Knauf Insulation
 Yıl Mah. 1. Cadde 1/G Kucuk Organize Sanayi
 26250 Eskisehir, Turkey
 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 13162:2012 + A1:2015

Notified body or bodies: AVCP System 1: TECHNICKY A ZKUSEBNI USTAV STAVEBNI PRAHA s.p. (Notified certification body No. 1020) AVCP System 3: TEBAR Test Belgelendirme Arastirma ve Gelistirme Tic. A.S. (Notified certification body No. 2164)

- 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

G4248OPCPR Acoustic Board



Essential Characteristics	G42480P	G42480PCPR	
	Performance	Acoustic Board	standard
Thermal Resistance	Thermal conductivity (W/mK)	λd 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	Т3	
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 deter	mined	

G4248OPCPR Classic 032



Essential Characteristics	G4248OPCPR		Harmonised technical standard
	Performance	Classic 032	Standard
Thermal Resistance	Thermal conductivity (W/mK)	λσ 0,032	EN 13162:2012 + A1:2015
	Thermal Resistance	See product label	A1.2015
	Thickness range (mm)	30-100	
	Thickness tolerance	T2	_
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	_
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	_
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	NPD {d}	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	_
Water Permeability	Short term water absorption	WS	
	Long term water absorption	WLP	—
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Impact noise transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 determi	ned	

G4248OPCPR Classic Alu 032



Essential Characteristics	G42480P	CPR	Harmonised technical standard
	Performance	Classic Alu 032	Standard
Thermal Resistance	Thermal conductivity (W/mK)	λρ 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	T2	
Reaction to Fire	Reaction to fire	C-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	_
Durability of thermal resistance against	Thermal Resistance	NPD{b}	
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 deter	nined	

G4248OPCPR Classic KD 032



Essential Characteristics	G4248OP	CPR	Harmonised technical standard
	Performance	Classic KD 032	stanuaru
Thermal Resistance	Thermal conductivity (W/mK)	λd 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	T2	
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 deter	nined	

G4248OPCPR Earthwool 032



Essential Characteristics	G4248OP	CPR	Harmonised technical standard
	Performance	Earthwool 032	Standard
Thermal Resistance	Thermal conductivity (W/mK)	λd 0,032	EN 13162:2012 + A1:2015
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	T3	
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 deter	mined	

G4248OPCPR Earthwool Alu 032



Essential Characteristics	G4248OPC	PR	Harmonised technical standard
	Performance	Earthwool Alu 032	
Thermal Resistance	Thermal conductivity (W/mK)	λo 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	Т3	
Reaction to Fire	Reaction to fire	C-s1,d0	
Durability of reaction to fire against heat,	Durability Characteristics	NPD {a}	
weathering, ageing / degradation			
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal Resistance	NPD{b}	
nead, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 determ	nined	

G4248OPCPR Earthwool KD 032



Essential Characteristics	G42480P0	CPR	Harmonised technical standard
	Performance	Earthwool KD 032	Standard
The second Desistence	The second section in (A) (set())- 0.022	EN 121(2,2012 -
Thermal Resistance	Thermal conductivity (W/mK)	λρ 0,032	EN 13162:2012 + A1:2015
	Thermal Resistance	See product label	
	Thickness range (mm)	30-100	
	Thickness tolerance	Т3	
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	_
heat, weathering, ageing / degradation	Thermal conductivity	NPD	-
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	_
floors)	Thickness	NPD	
	Compressibility	NPD	-
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 detern	nined	

G4248OPCPR Knauf Insulation 032



Essential Characteristics	G42480P	PCPR	Harmonised technical standard
	Performance	Knauf Insulation 032	Standard
Thermal Resistance	Thermal conductivity (W/mK)	λd 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	_
	Thickness tolerance	T2	
Reaction to Fire	Reaction to fire	A1	_
Durability of reaction to fire against heat,			_
weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	_
heat, weathering, ageing / degradation	Thermal conductivity	NPD	_
	Durability characteristics	NPD {c}	_
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	_
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	_
floors)	Thickness	NPD	
	Compressibility	NPD	-
	Air flow resistivity	NPD	-
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 deter	mined	

G4248OPCPR Knauf Insulation Alu 032



Essential Characteristics	G42480P	CPR	Harmonised technical standard
	Performance	Knauf Insulation Alu 032	Stanuaru
Thermal Resistance	Thermal conductivity (W/mK)	λο 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	-
	Thickness tolerance	T2	-
Reaction to Fire	Reaction to fire	C-s1,d0	_
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	_
Durability of thermal resistance against	Thermal Resistance	NPD{b}	_
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	_
	Point Load	NPD	-
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	-
Acoustic absorptions index	Sound absorption	NPD	-
Direct airborne sound insulation index	Air flow resistivity	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 deter	nined	

G4248OPCPR Knauf Insulation KD 032



Essential Characteristics	G4248OPCPR		Harmonised technical standard
	Performance	Knauf Insulation KD 032	standaru
Thermal Resistance	Thermal conductivity (W/mK)	λρ 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	—
	Thickness tolerance	T2	—
Reaction to Fire	Reaction to fire	A1	—
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	_
Durability of thermal resistance against	Thermal Resistance	NPD{b}	
heat, weathering, ageing / degradation	Thermal conductivity	NPD	—
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	_
	Point Load	NPD	_
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 deterr	nined	

G4248OPCPR Loftroll 032



Essential Characteristics	G42480PC	PR	Harmonised technica standard
	Performance	Loftroll 032	Standard
Thermal Resistance	Thermal conductivity (W/mK)	λσ 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	T2	
Reaction to Fire	Reaction to fire	A1	_
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	_
heat, weathering, ageing / degradation	Thermal conductivity	NPD	—
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	_
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 determ	nined	

G4248OPCPR Naturoll 032



Essential Characteristics	G4248OPC	G4248OPCPR	
	Performance	Naturoll 032	standard
Thermal Resistance	Thermal conductivity (W/mK)	λσ 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	T2	
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	_
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	_
	Point Load	NPD	_
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 determ	ined	

G4248OPCPR Naturoll Alu 032



Essential Characteristics	G42480F	PCPR	Harmonised technical standard
	Performance	Naturoll Alu 032	Standard
Thermal Resistance	Thermal conductivity (W/mK)	λd 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	Т2	
Reaction to Fire	Reaction to fire	C-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics		
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular 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 transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	
Direct airborne sound insulation index	Air flow resistivity	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 deter	mined	

G4248OPCPR TI 132U(Unifit 032)



Essential Characteristics	G4248OPCI	PR	Harmonised technica standard
	Performance	TI 132U(Unifit 032)	Standard
Thermal Resistance	Thermal conductivity (W/mK)	λD 0,032	EN 13162:2012 + A1:2015
	Thermal Resistance		
	Thickness range (mm)	30-100	
	Thickness tolerance	T2	
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat,	Durability Characteristics	NPD {a}	
weathering, ageing / degradation			
Durability of thermal resistance against	Thermal Resistance	NPD{b}	
heat, weathering, ageing / degradation	Thermal conductivity	NPD	
	Durability characteristics	NPD {c}	
Compressive Strength	Compressive Stress / Compressive Strength	NPD	
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	NPD {d}	
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Water Permeability	Short term water absorption	Image:	
	Long term water absorption	NPD	
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Impact noise transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness NPD		
	Compressibility		
	Air flow resistivity	NPD	
Acoustic absorptions index	Sound absorption	NPD	—
Direct airborne sound insulation index	Air flow resistivity	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 determ	ined	

G4248OPCPR TP 138 (Naturboard 032)



Essential Characteristics	G42480P	CPR	Harmonised technical standard
	Performance	TP 138 (Naturboard 032)	
Thermal Resistance	Thermal conductivity (W/mK)	λD 0,032	EN 13162:2012 +
	Thermal Resistance	See product label	A1:2015
	Thickness range (mm)	30-100	
	Thickness tolerance	Т3	
Reaction to Fire	Reaction to fire	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD {a}	
Durability of thermal resistance against	Thermal Resistance	NPD{b}	_
heat, weathering, ageing / degradation	Thermal conductivity	NPD	-
	Durability characteristics	NPD {c}	_
Compressive Strength	Compressive Stress / Compressive Strength		
	Point Load	NPD	
Tensile / Flexural strength	Tensile strength perpendicular faces	NPD {d}	-
Durability of compressive Strength against ageing / degradation	Compressive creep	NPD	
Water Permeability	r Permeability Short term water absorption WS		_
	Long term water absorption	WLP	—
Water vapour permeability	Water vapour transmission, water vapour diffusion resistance factor	NPD	
Impact noise transmissions index (for	Dynamic stiffness	NPD	
floors)	Thickness	NPD	-
	Compressibility	NPD	-
	Air flow resistivity	NPD	-
Acoustic absorptions index	Sound absorption	StrengthPoint LoadNPDPoint LoadNPD {d}Is strength perpendicular facesNPD {d}Compressive creepNPDNPDWSong term water absorptionWLPong term water absorptionWLPopour transmission, water vapour diffusion resistance factorNPDDynamic stiffnessNPDThicknessNPDCompressibilityNPDAir flow resistivityNPD	-
Direct airborne sound insulation index	Air flow resistivity	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 deter	mined	



8. <u>Appropriate Technical Documentation and / or Specific Technical Documentation:</u>

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.

Thermal Resistance Table								
[mm]	30	40	50	60	70	80	90	100
[m²K/W]	0,90	1,25	1,55	1,85	2,20	2,50	2,80	3,15

Erkan Uçok - Plant manager (Name and function)

eley

Eskisehir - 01-02-19 (Place and date of issue)

{a} No change in reaction to fire properties for MW Products. The fire performance of MW 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 MW 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} This characteristic also covers handling and installation
- {e} European test methods are under development
- {f} Also valid and applicable for multilayers

[{]c} For dimensional stability thickness only