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STOMIX, spol. s r. o.
790 65 Skorošice 197, Czech Republic

05

STX.THERM® ALFA

01-001

Declaration of Performance No.: 01-001-06 (Annex)

External thermal insulation for masonry or concrete walls

System composition: see Declaration of performance

Reaction to fire ETICS: see Declaration of Performance

Resistance to water ingress: NPD

Water absorption: see Declaration of Performance

Resistance to mechanical damage:
see Declaration of Performance

Water vapor permeability: see Declaration of Performance

Hazardous substances: does not contain hazardous substances

Fixing strength: see Declaration of Performance

Base coat adhesion to insulation:
see Declaration of Performance

Bonding of the adhesive to the substrate / insulation product:
see Declaration of Performance

Resistance to wind load: see Declaration of Performance

Thermal resistance ETICS: see Declaration of Performance

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	Declaration of Performance **No. 01-001-06** **trade name: STX.THERM® ALFA** **unique identification code: 01-001**
Intended use	External thermal insulation to masonry or concrete walls
Manufacturer	STOMIX, spol. s r. o., 790 65 Skorošice 197, Czech Republic
Technical specifications	ETA-05/0054 issued by TZÚS, s.p. NB 1020. 08/08/2016
Certificate no.	1020 - CPR - 060041330

Declared performance
Valid only for system composition according to table 1

Basic characteristics	Performance	Harmonized technical specifications	Assessment system	Notified body
Reaction to fire	See table 2 for the variants	ETAG 004 used as EAD	1	PAVUS, a.s. NB 1391
Resistance to water ingress	NPD	ETAG 004 used as EAD	2+	TZUS, s. p. NB 1020
Water absorption	See table 3 for the variants	ETAG 004 used as EAD	2+	
Resistance to mechanical damage	See table 4	ETAG 004 used as EAD	2+	
Water vapor permeability	See table 5	ETAG 004 used as EAD	2+	
Hazardous substances	Does not contain hazardous substances	ETAG 004 used as EAD	-	
Fixing strength (lateral shift)	Not required (unlimited ETICS length dimensions)	ETAG 004 used as EAD	2+	
Base coat adhesion to the insulation	≥ 0.08 MPa	ETAG 004 used as EAD	2+	
Bonding of the adhesive to the base coat / insulation	conforms	ETAG 004 used as EAD	2+	
Resistance to wind load	See table 6a	ETAG 004 used as EAD	2+	

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Thermal resistance	Thickness of thermal insulation: at least 50 mm, for declared coefficient of thermal conductivity (λ_D) see point 1.1 and 2.1 table 1, for point thermal transmittance (χ) see point 2.3 table 1	ETAG 004 used as EAD	2+	

Table 1: ETICS components

The method of attachment	Components	Other data	Technical specification / description	Consumption [kg/m^2]	Thickness [mm]
1. fully bonded ETICS with supplementary mechanical fixings	**1.1 Insulation product** prefabricated, expanded polystyrene (EPS) boards				
	EPS (standard thermal conductivity) code according to EN 13163	declared value of thermal conductivity coefficient λ_D = 0.036 to 0.040 W/mK Reaction to fire E	EN 13163	-	50 - 400
	EPS (standard thermal conductivity – with graphite additives) code according to EN 13163	declared value of thermal conductivity coefficient λ_D = 0.031 to 0.032 W/mk Reaction to fire E	EN 13163	-	50 - 400
	1.2 Adhesives				
	ALFAFIX® S2	bonded area at least 40 %	cement based product	4.0 – 5.0 (powder)	-
	ALFAFIX® S1	bonded area at least 40 %	cement based product	4.0 – 5.0 (powder)	-
	ALFAFIX® S11	bonded area at least 40 %	cement based product	4.0 – 5.0 (powder)	-

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	ALFAFIX® S101	bonded area at least 40 %	cement based product	4.0 – 5.0 (powder)	-
	ALFAFIX® PUR	bonded area at least 40 %	polyurethane based product	5.0 – 10.0 m^2/metal bottel (according to the manufacturer specifications)	Adhesive striping 3 cm wide
2. ETICS mechanically fixed with dowels and supplementary adhesive	**2.1 Insulation product** prefabricated, expanded polystyrene (EPS) boards				
	EPS (standard thermal conductivity) code according to EN 13163	declared value of thermal conductivity coefficient λ_D = 0.036 to 0.040 W/mk Reaction to fire E	EN 13163	-	min. 50
	EPS (reduced thermal conductivity – with graphite additives) code according to EN 13163	declared value of thermal conductivity coefficient λ_D = 0.031 to 0.032 W/mk Reaction to fire E	EN 13163	-	min. 50
	2.2 Adhesives				
	ALFAFIX® S2	bonded area at least 30 %	cement based product	2.1 – 5.0 (dry mix)	-
	ALFAFIX® S1	bonded area at least 30 %	cement based product	2.1 – 5.0 (dry mix)	
	ALFAFIX® S11	bonded area at least 30 %	cement based product	2.1 – 5.0 (dry mix)	
	ALFAFIX® S101	bonded area at least 30 %	cement based product	2.1 – 5.0 (dry mix)	
	ALFAFIX® PUR	bonded area 30%	polyurethane based product	5.0 – 10.0 m^2/metal bottel (according to the manufacturer specifications)	Adhesive striping 3 cm wide
	2.3 Dowels to fix insulation boards				

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	EJOT H3 plastic nailed-in dowel	point thermal transmittance: 0.000 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C	ETAG 014 ETA 14/0130	-	-
	ejotherm® STR U 2G plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 04/0023	-	-
	ejotherm® NTK U plastic nailed-in dowel	point thermal transmittance: 0.000 W/K Plate stiffness: 0.5 kN/mm Category of use: A,B,C	ETAG 014 ETA 07/0026	-	-
	ejotherm® H1 eco plastic nailed-in dowel	point thermal transmittance: 0.001 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C	ETAG 014 ETA 11/0192	-	-
	BRAVOLL® PTH-X plastic nailed-in dowel	point thermal transmittance: 0.000 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B	ETAG 014 ETA 05/0055	-	-
	BRAVOLL® PTH-SX plastic screwed-in dowel	point thermal transmittance: 0.000 W/K Plate stiffness: 0.5 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 10/0028	-	-
	BRAVOLL® PTH-KZ plastic nailed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.7 kN/mm Category of use: A,B,C,D	ETAG 014 ETA 05/0055		
	BRAVOLL® PTH-S plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.9 kN/mm Category of use:	ETAG 014 ETA 08/0267		

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		A,B,C,D,E			
	BRAVOLL® PTH-EX plastic nailed-in dowel	point thermal transmittance: 0.001 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C,D	ETAG 014 ETA 13/0951	-	-
	WKTHERM S plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 13/0724	-	-
	WKTHERM Ø 8 plastic nailed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C	ETAG 014 ETA 11/0232	-	-
	Wkret-met eco-drive plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 13/0107	-	-
	Wkret-met eco-drive S plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.7 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 13/0107	-	-
	LTX Ø 8 plastic nailed-in dowel	point thermal transmittance: 0.000 W/K Plate stiffness: 0.2 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 09/0001	-	-
	LMX Ø 8 plastic nailed-in dowel	point thermal transmittance: 0.003 W/K Plate stiffness: 0.2 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 09/0001	-	-

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	WKRET-MET-LFM Ø 8 plastic screwed-in dowel	point thermal transmittance: 0.004 W/K Plate stiffness: 0.5 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 06/0080	-	-
	FIXPLUG Ø 8 plastic nailed-in dowel	point thermal transmittance: NPD Plate stiffness: 0.6 kN/mm Category of use: A,B,C	ETAG 014 ETA 11/0231		
	Termoz SV II ecotwist plastic screwed-in dowel	point thermal transmittance: 0.000-0.002 W/K Plate stiffness: 0.96 kN/mm Category of use: A,B,C,D,e	ETAG 014 ETA 12/0208		
	fischer® TERMOZ CS 8 plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 14/0372		
	fischer® TERMOZ CN 8 plastic nailed-in dowel	point thermal transmittance: 0.001 W/K Plate stiffness: 0.4 kN/mm Category of use: A,B,C,D	ETAG 014 ETA 09/0394		
	fischer® TERMOZ PN 8 plastic nailed-in dowel	point thermal transmittance: 0.000 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C	ETAG 014 ETA 09/0171		
	fischer® TERMOFIX CF 8 plastic nailed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.5 kN/mm Category of use: A,B,C	ETAG 014 ETA 07/0287		
	Koelner TFIX-8M plastic nailed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 1.0 kN/mm Category of use:	ETAG 014 ETA 07/0336	-	-

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		A,B,C			
	Koelner TFIX-8S plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 11/0144	-	-
	Koelner TFIX-8ST plastic screwed-in dowel	point thermal transmittance: 0.002 W/K Plate stiffness: 0.6 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 11/0144	-	-
	Hilti SD-FV 8 plastic nailed-in dowel	point thermal transmittance: 0.000 W/K Plate stiffness: 0.3 kN/mm Category of use: A,B,C,D,E	ETAG 014 ETA 03/0028	-	-
	Spiral Anksys® SA15+ Special injection anchors	point thermal transmittance: 0.001-0.002 W/K (according to assembly) Plate stiffness: 0.6 kN/mm Category of use: A,B,C,E	ETAG 014 ETA 13/0527	-	-
	In addition to the above mentioned, there may be used in the system other types of dowels with ETA according to ETAG 014, on condition that they meet the following requirements:	**Demands**			
		Plate diameter	≥ 60 mm		
		Plate stiffness	Surface assembly:	≥ 0.3 kN/mm	
			Embedded assembly:	≥ 0.6 kN/mm	
		Rupture force of dowel's plate	≥ Higher of figures the R_{panel} and R_{joint} in the relevant table 6a of this declaration		
3. Surface treatment	**Components**	**Other data**	**Technical specification / description**	**Consumption [kg/m²]**	**Thickness [mm]**
	3.1 Levelling substance for base coat				
	ALFAFIX® S1	-	cement based product	Approx. 3.8 (dry mix)	3 (average)

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	ALFAFIX® S101	-	cement based product	Approx. 3.8 (dry mix)	3 (average)
	3.2 Reinforcement of the base coat				
	VT1 - R131 A101 - R131 A102 - SSA-1363-160 - 122	Alkali resistant	Glass mesh	-	-
	VT1/1 - R117 A101 - SSA-1363-145	Alkali resistant	Glass mesh	-	-
	R330 - R267 A101 (reinforced fabric used to some parts of ETICS only supplement to VT1 and VT1/1 to increased mechanical durability)	Alkali resistant	Glass mesh	-	-
	3.3 Key coat				
	HC-4	for BETADEKOR® A-BETADEKOR® SA-ALFADEKOR G	-	0.20 – 0.24	-
	HC-5	for BETADEKOR® SI-BETADEKOR® V-	-	0.20 – 0.24	-
	EH	BRICK FLEX	-	0.09 – 0.18	-
	3.4 Finishing coat				
	BETADEKOR® AF BETADEKOR® AD	Maximal grain size 1.5-2.0-2.5-3.0 mm	Binder: acrylic copolymer	2.4 – 4.0	Acc.to grain size
	BETADEKOR® SIF BETADEKOR® SID	Maximal grain size 1.5-2.0-2.5-3.0 mm	Binder: silicone resin, acrylic copolymer	2.4 – 4.0	
	BETADEKOR® VF BETADEKOR® VD	Maximal grain size 1.5-2.0-2.5-3.0 mm	Binder: silicate binder modified by silicone resin	2.4 – 4.0	
	BETADEKOR® SAF BETADEKOR® SAD	Maximal grain size 1.5-2.0-2.5-3.0 mm	Binder: acrylate copolymer modified by silicone emulsion	2.4 – 4.0	
	3.4.1 Other final treatment possibilities				
	BRICK FLEXY	Brick slips for direct use	Binder: water vinyl copolymer	66 ks/m^2	3.0

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	ALFAFIX® BS	Adhesive and levelling substance for BRICK FLEXY	Binder: acrylic copolymer	2.2 – 2.5	1.0 – 2.0
	ALFADEKOR G	Mosaics render	Binder: acrylic copolymer	4.0 – 6.0	2.0

Table 2: ETICS reaction to fire

Configuration	**Content of organic substances / combustion heat**	**Content of flame retardants**	**European Class acc.to EN 13501-1**
Adhesives	max. 3.24 %	without fire retardants	B - s1, d0
EPS boards 14 – 20 kg/m^2	-/-	The amount of guaranteeing European Class A1 according to EN 13501-1	
Dowels	-/-	-	
Render system composed of a base coat ALFAFIX® S1 or ALFAFIX® S101 and finishing coats: BETADEKOR® A- BETADEKOR® SI- BETADEKOR® SA- BETADEKOR® V-	max. 7.96 % /-	without fire retardants	
Render system composed of a base coat ALFAFIX® S1 or ALFAFIX® S101 and finishing coats: BRICK FLEXY - ALFADEKOR G EPS with volume weight higher than 20 kg/m^3	-/-	without fire retardants	It has not been assessed (in accordance with Regulation Commission Delegated Regulation (EU) 2016/364)
System ETICS using adhesive materials to polyurethane based product (ALFAFIX® PUR)	-/-	without fire retardants	It has not been assessed (in accordance with Regulation Commission Delegated Regulation (EU) 2016/364)

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Table 3: Water absorption (ETAG 004 - Article 5.1.3.1)

		Absorption after 24 hours	
		< 0.5 kg/m^2	≥ 0.5 kg/m^2
Surface treatment: base coat ALFAFIX® S1 or ALFAFIX® S101 + finishing coats according to the table with relevant key coats:	BETADEKOR® A-	X	-
	BETADEKOR® SI-	X	-
	BETADEKOR® V-	X	-
	BETADEKOR® SA-	X	-
	ALFADEKOR G	X	-
	BRICK FLEXY + ALFAFIX® BS	X	-

Table 4: Resistance to mechanical damage (ETAG 004 - Article 5.1.3.3)

EPS board + base coat ALFAFIX® S1 or ALFAFIX® S101 with variant of reinforcement + finishing coats with relevant key coats:	**1x glass mesh VT1 or VT1/1**	**2x glass mesh VT1 or VT/1**	**1x glass mesh VT1 or VT1/1 + reinforced mesh R330**
BETADEKOR® A- 15, 20. 25, 30	Category II	Category I	
BETADEKOR® SI- 15, 20. 25, 30	Category II	Category I	
BETADEKOR® V- 15, 20. 25, 30	Category II	Category I	Category II
BETADEKOR® SA- 15, 20. 25, 30	Category II	Category I	has not been reviewed
ALFADEKOR G	Category III (base coat ALFAFIX® S1)	has not been reviewed	has not been reviewed
	Category II (base coat ALFAFIX® S101)		
ALFAFIX® BS and BRICK FLEXY	Category III (base coat ALFAFIX® S1)	has not been reviewed	has not been reviewed
	Category III (base coat ALFAFIX® S1)		

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Table 5: Water vapour permeability of the ETICS outer layer (ETAG 004 - Article 5.1.3.4)

Base coat ALFAFIX® S1 with variant of reinforcement + finishing coats with relevant key coats:	Equivalent air thickness S_d
BETADEKOR® A- 15	≤ 0.37 m
BETADEKOR® A- 20	≤ 0.39 m
BETADEKOR® A- 25, 30	≤ 0.26 m
BETADEKOR® SI- 15	≤ 0.16 m
BETADEKOR® SI- 20	≤ 0.18 m
BETADEKOR® SI- 25, 30	≤ 0.20 m
BETADEKOR® V- 15	≤ 0.09 m
BETADEKOR® V- 20	≤ 0.11 m
BETADEKOR® V- 25, 30	≤ 0.12 m
BETADEKOR® SA- 15	≤ 0.19 m
BETADEKOR® SA- 20	≤ 0.19 m
BETADEKOR® SA- 25, 30	≤ 0.21 m
ALFADEKOR G	≤ 0.35 m
ALFAFIX® BS + BRICK FLEXY	≤ 0.34 m

Base coat ALFAFIX® S101 with variant of reinforcement + finishing coats with relevant key coats:	Equivalent air thickness S_d
BETADEKOR® A- 15	≤ 0.25 m
BETADEKOR® A- 20	≤ 0.25 m
BETADEKOR® A- 25, 30	≤ 0.28 m
BETADEKOR® SI- 15	≤ 0.14 m
BETADEKOR® SI- 20	≤ 0.14 m
BETADEKOR® SI- 25, 30	≤ 0.16 m
BETADEKOR® V- 15	≤ 0.10 m
BETADEKOR® V- 20	≤ 0.12 m
BETADEKOR® V- 25, 30	≤ 0.13 m
BETADEKOR® SA- 15	≤ 0.29 m
BETADEKOR® SA- 20	≤ 0.20 m
BETADEKOR® SA- 25, 30	≤ 0.21 m
ALFADEKOR G	≤ 0.39 m
ALFAFIX® BS + BRICK FLEXY	≤ 0.27 m

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Table 6a: Resistance to wind load (ETAG 004 - Article 5.1.4.3)

Dowel descriptione	Trade name		ejotherm NTU (ETA 05/0009) ejotherm STR U 2G (ETA 04/0023) ejotherm NTK U (ETA 07/0026) TERMOZ 8 UZ (ETA 02/0019) TERMOZ 8 NZ (ETA 03/0019) BRAVOLL PTH-KZ (ETA 05/0055)	see Annex 6b – surface assambly	ejotherm STR U 2G (ETA 04/0023) BRAVOLL PTH-SX (ETA 10/0028) BRAVOLL PTH-S (ETA 08/0267) Wkret-met eco-drive (ETA 13/0107) Wkret-met eco-drive S (ETA 13/0107) fisher termoz CS 8 (ETA 14/0372) Koelner TFIX-8ST (ETA 11/0144)
	Assembly method		Surface assembly		Countersunk assembly
	Plate diameter (mm)		60 or more		
EPS characteristics	Thickness (mm)		≥ 60	≥ 50	≥ 100
	Tensile strength (kPa)		≥ 100		
Maximum load	Dowels placed at the body of the insulation product	R_{panel}	Minimal value: **0.51 kN** Mean value: **0.52 kN**	Minimal value: **0.41 kN** Mean value: **0.42 kN**	Minimal value: **0.47 kN** Mean value: **0.48 kN**
	Dowels placed at joints of the insulation product	R_{joint}	Minimal value: **0.40 kN** Mean value: **0.43 kN**	Minimal value: **0.36 kN** Mean value: **0.39 kN**	Minimal value: **0.36 kN** Mean value: **0.39 kN**

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Dowel description	Trade name		**fisher termoz SV II ecotwist (ETA 12/0208)**
	Assembly method		Special assembly
	Plate diameter (mm)		60
EPS characteristics	Thickness (mm)		≥ 100
	Tensile strength (kPa)		≥ 100
Maximum load	Dowels placed at the body of the insulation product	R_{panel}	Minimal value: **0.49 kN** Mean value: **0.53 kN**
	Dowels placed at joints of the insulation product	R_{joint}	Minimal value: **0.44 kN** Mean value: **0.48 kN**

Dowel description	Trade name		**Spiral Anksys® SA15+ (ETA 13/0527)**
	Assembly method		Special assembly
	Plate diameter (mm)		14
EPS characteristics	Thickness (mm)		≥ 80
	Tensile strength (kPa)		≥ 100
Maximum load	Dowels placed at the body of the insulation product	R_{panel}	Minimal value: **0.79 kN** Mean value: **0.88 kN**
	Dowels placed at joints of the insulation product	R_{joint}	Minimal value: **0.73 kN** Mean value: **0.81 kN**

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Table 6b: Resistance to wind load – characteristic resistance N_{Rk} to tension loads

Trade name	Plate diameter (mm)	characteristic resistance N_{Rk} to tension loads	Plate stiffness (kN/mm)	Load resistance of dowel plate (kN)
Surface assembly				
EJOT H3	60	see ETA 14/0130	0.60	1.25
ejotherm STR U 2G	60	see ETA 04/0023	0.60	2.08
ejotherm NTK U	60	see ETA 07/0026	0.50	1.44
ejotherm H1 eco	60	see ETA 11/0192	0.60	1.40
ejotherm H1 eco	60	see ETA 11/0192	0.60	1.40
BRAVOLL PTH-X	60	see ETA 13/0951	0.60	1.50
BRAVOLL PTH-EX	60	see ETA 13/0951	0.60	1.40
BRAVOLL PTH-SX	60	see ETA 10/0028	0.70	1.54
BRAVOLL PTH-KZ 60/8	60	see ETA 05/0055	0.70	2.10
BRAVOLL PTH-S	60	see ETA 08/0267	0.90	2.60
WKTHERM S	60	see ETA 13/0724	0.60	4.30
WKTHERM Ø 8	60	see ETA 11/0232	0.60	4.30
LTX Ø 8	60	see ETA 09/0001	0.50	1.53
LMX Ø 8	60	see ETA 09/0001	0.50	1.53
WKRET-MET-LFM Ø 8	60	see ETA 06/0080	0.50	-
FIXPLUG Ø 8	60	see ETA 11/0231	0.60	1.70
fischer termoz CS8	60	see ETA 14/0372	0.60	1.70
fischer termoz PN 8	60	see ETA 09/0171	0.40	1.60
fischer TERMOFIX CF 8	60	see ETA 07/0287	0.50	1.65
Koelner TFIX 8 M	60	see ETA 07/0336	1.00	1.75
Koelner TFIX 8 S	60	see ETA 11/0144	0.60	2.04
Hilti SD-FV 8	60	see ETA 03/0028	0.30	1.55
Embedded assembly				
BRAVOLL PTH-S	60	see ETA 08/0267	0.90	2.60
BRAVOLL PTH-SX	60	see ETA 10/0028	0.70	1.54
ejotherm STR U 2G	60	see ETA 04/0023	0.60	2.08
Wkret-met eco-drive	60	see ETA 13/0107	0.60	2.80
Wkret-met eco-drive S	60	see ETA 13/0107	0.60	2.80
fischer termoz CS8	60	see ETA 14/0372	0.60	1.70
Koelner TFIX 8 ST	60	see ETA 11/0144	0.60	2.04
Special assembly				
Termoz SV II ecotwist	66	see ETA 12/0208	0.96	1.90
SpiralAnksys SA15+	-*)	see ETA 13/0527	-*)	-*)

*) Not relevant, the anchor is not equipped with a plate

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Table 7: Airborne sound insulation

Insulant EPS thickness 100 mm		
ΔR_w = -5 dB	$\Delta R_w + C$ = -5 dB	$\Delta R_w + C_{tr}$ = -5 dB
Insulant EPS thickness 200 mm		
ΔR_w = -4 dB	$\Delta R_w + C$ = -5 dB	$\Delta R_w + C_{tr}$ = -5 dB

Qualities of the product referred to in the table 1 are consistent with the qualities mentioned above.
This Declaration of Performance is issued under the sole responsibility of the manufacturer referred to in the Declaration.

Signed for and on behalf of the manufacturer:

Skorošice, 15.08.2016

Ing. David Čvanda
Development & Production Manager

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