



Approval body for construction products and types of construction

Bautechnisches Prüfamt

An institution established by the Federal and Laender Governments



European Technical Assessment

ETA-20/0337 of 4 December 2024

English translation prepared by DIBt - Original version in German language

General Part

Technical Assessment Body issuing the European Technical Assessment:	Deutsches Institut für Bautechnik
Trade name of the construction product	BATI-THERM MW
Product family to which the construction product belongs	Product area code: 4 External Thermal Insulation Composite System with rendering on mineral wool intended for use on building walls
Manufacturer	Bati-C S.A. 30, rue de l'industrie à Bertrange 8069 LUXEMBURG LUXEMBURG
Manufacturing plant	Bati-C S.A. 30, rue de l'industrie à Bertrange 8069 LUXEMBURG LUXEMBURG
This European Technical Assessment contains	18 pages including 6 annexes which form an integral part of this assessment
This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of	040083-00-0404
This version replaces	ETA-20/0337 issued on 26 March 2020



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Specific Part

1 Technical description of the product

This product is an External Thermal Insulation Composite System (ETICS) with rendering - a kit comprising components which are factory-produced by the manufacturer or component suppliers. It's made up on site from these. The ETICS manufacturer is ultimately responsible for the ETICS.

The ETICS kit comprises a prefabricated insulation product of mineral wool (MW) to be bonded and if necessary additional mechanically fixed onto a wall. The methods of fixing and the relevant components are specified in Annex 1.

The insulation product is faced with a rendering system consisting of one base and finishing coat (site applied), the base coat contains reinforcement. The rendering system is applied directly to the insulating panels, without any air gap or disconnecting layer.

The ETICS may include special fittings (e.g. base profiles, corner profiles ...) for connection to adjacent building elements (apertures, corners, parapets...). Assessment and performance of these components is not addressed in this ETA, however the ETICS-manufacturer is responsible for adequate compatibility and performance within the ETICS when the components are delivered as a part of the kit.

2 Specification of the intended use in accordance with the applicable European assessment Document

The performances in Section 3 can only be assumed if the ETICS is used in accordance with the specifications and under the boundary conditions specified in Annexes 2 to 5.

The verifications and assessment methods on which this ETA is based lead to the assumption of a working life of the ETICS "BATI-THERM MW" of at least 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the manufacturer, but are to be regarded only as a means for choosing the right products in relation to the assumed economically reasonable working life of the works.

For use, maintenance and repair, the finishing coat shall normally be maintained in order to fully preserve the ETICS performance. Maintenance includes at least:

- visual inspection of the ETICS,
- the repairing of localized damaged areas due to accidents,
- the aspect maintenance with products compatible with the ETICS (possibly after washing or ad hoc preparation).

Necessary repairs are to be carried out as soon as the need has been identified.

The information on use, maintenance and repair is given in the manufacturer's technical documentation.

It is the responsibility of the manufacturer to ensure that this information is made known to the concerned people.



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3 Performance of the product and references to the methods used for its assessment

3.1 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire of the ETICS	(see annex 2)
	Euroclass according to EN 13501-1
Reaction to fire of the MW-insulation product	(see annex 2) Euroclass A1 according EN 13501-1
 Cross heat of combustion for the MW-insulation product EN ISO 1716 	Value [MJ/kg]
- Apparent density EN 1602	Value [kg/m³]
Facade fire performance	no performance assessed
Propensity to undergo continuous smouldering of ETICS	no performance assessed

3.2 Hygiene, health and environment (BWR 3)

Essential characteristic	Performance		
Release of dangerous substances	no performance assessed		
Water absorption Base coat	(see annex 3.1)		
after 1 hour after 24 hours	Average [kg/m²] Average [kg/m²]		
Rendering system after 1 hour after 24 hours	Average [kg/m²] Average [kg/m²]		
MW insulation product after 24 hours	Maximum value 3.0 kg/m ²		
Water-tightness of the ETICS: Hygrothermal behaviour on the test wall	Pass without defects		
Water-tightness of the ETICS: Freeze/thaw behaviour of the ETICS	The water absorption of the base coat as well as the rendering systems after 24 hours is less than 0.5 kg/m ² for all configurations of the ETICS. The ETICS is so assessed as free/thaw resistant.		
Impact resistance	no performance assessed		
Water vapour permeability - Rendering system	(see annex 3.2) s _d value [m]		
- MW insulation product	μ = 1	Thickness of the insulation product 400 mm	



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3.3 Safety and accessibility in use (BWR 4)

Essential characteristic	Performance
Bond strength between base coat and MW insulation product	(see annex 4.1) - Minimal value/ average [kPa], Initial state (28 d immersion) - Minimal value/ average [kPa], after hygrothermal cycles
between adhesive and substrate	 (see annex 4.2) Thickness [mm] of the used adhesives Minimal value/average [kPa], Initial state (dry conditions) Minimal value/ average [kPa], after 2 d immersion in water, 2 h drying Minimal value/ average [kPa], after 2 d immersion in water, 7 d drying
between adhesive and MW insulation	 (see annex 4.3) Thickness [mm] of the used adhesives Minimal value/average [kPa], Initial state (dry conditions) Minimal value/ average [kPa], after 2 d immersion in water, 2 h drying Minimal value/ average [kPa], after 2 d immersion in water, 7 d drying
Fixing strength (displacement test)	Test not required therefore no limitation of ETICS length required.
Wind load resistance of ETICS pull-through test of fixing static foam block test	(see annex 4.4) - R _{panel} [kN/fixing] - R _{joint} [kN/fixing] - Plate diameter of anchor ≥ 60 mm, ≥ 90 res. ≥140 mm - plate stiffness ≥ 0.3 kN/mm ² - load resistance of the anchor plate ≥ 1.0 kN
Tensile strength perpendicular to the faces	
in dry conditions MW panel MW panel MW lamella in wet conditions - series 2 - series 3	$\begin{split} \sigma_{mt} &\geq 14 \text{ kPa} \\ \sigma_{mt} &\geq 5 \text{ kPa} \\ \sigma_{mt} &\geq 80 \text{ kPa} \\ &\geq 33 \text{ \% of average value in dry conditions} \\ &\geq 50 \text{ \% of average value in dry conditions} \end{split}$



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Essential characteristic	Performance
Shear strength of the ETICS	
MW panel $\sigma_{mt} \ge$ 14 kPa, MW lamella MW panel $\sigma_{mt} \ge$ 5 kPa	≥ 20 kPa ≥ 6 kPa
shear modulus of the ETICS	
MW panel σ _{mt} ≥ 14 kPa, MW lamella MW panel σ _{mt} ≥ 5 kPa	≥ 1.0 MPa ≥ 0.3 MPa
Pull-through resistance of profiles	≥ 0.5 kN
Render strip tensile test	(see annex 4.5) crack width w _{rk} [mm]
Bond strength after ageing	no performance assessed
Tensile strength of the glass fibre mesh in the as-delivered state	(see annex 4.6) Average [N/mm]
Residual tensile strength of the glass fibre mesh after aging	(see annex 4.6) Average [N/mm]
Relative residual tensile strength of the glass fibre mesh after aging	(see annex 4.6) Average [%]
Elongation of the glass fibre mesh in the as-delivered state	(see annex 4.6) Average [%]
Elongation of the glass fibre mesh after aging	(see annex 4.6) Average [%]

3.4 Protection against noise (BWR 5)

Essential characteristic	Performance
Airborne sound insulation of ETICS	no performance assessed
Dynamic stiffness of the EPS insulation product	no performance assessed
Air flow resistance of the EPS insulation product	no performance assessed

3.5 Energy economy and heat retention (BWR 6)

Essential characteristic	Performance	
Thermal resistance of ETICS	(see annex 5)	
mermai resistance of ETICS	Calculated value or measurement value R (m ² · K)/W]	
	(see annex 5)	
Thermal transmittance of ETICS	Calculated value or measurement value U W/(m ² ·K)]	



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4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

In accordance with EAD No. 040083-00-0404 the applicable European legal act is: 97/556/EC changed by 2001/596/EC.

The systems to be applied are:

Product	Intended use	Levels or classes (Reaction to fire)	Systems
	ETICS in external wall	A1 ⁽¹⁾ , A2 ⁽¹⁾ , B ⁽¹⁾ , C ⁽¹⁾	1
"BATI-THERM MW"		A1 ⁽²⁾ , A2 ⁽²⁾ , B ⁽²⁾ , C ⁽²⁾ , D, E, (A1 to E) ⁽³⁾ , F	2+
	ETICS in external wall not subject to fire regulations	any	2+

(1) Products/materials for which a clearly identifiable stage in the production process results in an improvement of the reaction to fire classification (e. g. an addition of fire retardants or a limiting of organic material)

⁽²⁾ Products/materials not covered by footnote (1)

(3) Products/materials that do not require to be tested for reaction to fire (e.g. products/materials of Classes A1 according to Commission Decision 96/603/EC)

5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable European Assessment Document

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited at Deutsches Institut für Bautechnik.

Issued in Berlin on 4 December 2024 by Deutsches Institut für Bautechnik

Anja Rogsch Head of Section *beglaubigt:* Klette

Deutsches Institut für Bautechnik

Annex 1 Composition of the ETICS

	Components National application documents shall be taken into account	Coverage [kg/m²]	Thickness [mm]
Insulation	Bonded ETICS:		
material with	Insulation product		
associated	factory-prefabricated mineral wool (MW) product*		
method of fixing	- MW lamella	_	40 - 400
iixiiig	Adhesives		
	 Bati therm MMU (cement based powder requiring addition of 25 % of water) 	about 5.0	_
	 Bati therm MMLB (cement based powder requiring addition of 31 % of water) 	(powder)	_
	Mechanically fixed ETICS with profiles and supplementary adhesive:		
	Insulation product		
	factory-prefabricated mineral wool (MW) product*		
	MW panel, $\sigma_{mt} \ge 14$ kPa**	_	60 - 200
	Supplementary adhesives (equal to bonded ETICS)		
	• Profile		
	- "Halteleiste Alu" and		
	- "Verbindungsleiste Alu"		
	Aluminium (Al) – Profiles		
	 Anchors for profiles 		
	– WS8L		
	– ejotherm SDK U		
	– SDF-K plus		
	– ejotherm NK U		
	 Anchors for insulation product if necessary (equal to mechanically fixed ETICS with anchors and 		
	supplementary adhesive, see below)		
	Mechanically fixed ETICS with anchors and supplementary adhesive:		
	Insulation product		
	factory-prefabricated mineral wool (MW) product*		
	- MW panel		60 400
	- MW lamella	_	60 - 400
	Supplementary adhesive	_	60 - 200
	(equal to bonded ETICS)		
	Anchors for insulation product		
	all anchors with ETA according to EAD 330196-01-06041		
Base coat	Bati therm MMU	∫ about 7.0	4.0 - 7.0
	Bati therm MMLB	∫ (powder)	5.0 - 7.0
	Identical with the equally named adhesives given above		
Glass fibre	WDVS-Gewebe Grob	-	_
Mesh	Alkali- and slide-resistant glass fibre mesh with mass per unit area of about 200 g/m ² and mesh size of about 8.0 mm x 8.0 mm.		

1



	Components National application documents shall be taken into account	Coverage [kg/m²]	Thickness [mm]
Key coat	Bati therm Quarzgrundierung Ready to use pigmented liquid with styrol-acrylat binder For the compatibility with the finishing coats see below.	about 0.3 l/m²	
Finishing coat	To use without key coat: Thick layered cement based powder requiring addition of about 20 % of water (scraped render):	40.0.04.0	5.0.40.0
	Bati EME To use with key coat if applicable:*** • Thin layered cement based powder requiring addition of	10.0 - 24.0	5.0 - 12.0
	about (20 – 35) % of water: Bati EMM (Korngröße 1.5 – 2.0 – 3.0 – 4.0 und 5.0 mm)	2.5 - 5.0 (powder)	
	 Ready to use paste – styrol-acrylat binder: Bati fini Dispersion AV (particle size 1.5 – 2.0 – 3.0 und 4.0 mm) 	2.5 - 4.0	
	 Ready to use paste – potassium silicate binder: Bati fini Silicate AV (particle size 1.0 – 1.5 – 2.0 – 3.0 and 4.0 mm) 	2.5 - 4.0	regulated by particle size
	 Ready to use paste – silicone resin binder: Bati fini Silicone AV (particle size 1.5 – 2.0 – 3.0 and 4.0 mm) 	2.5 - 4.0	
Ancillary material	Remains the responsibility of the manufacturer.		
other propertie MW – EN 131	bricated panels and lamella made of mineral wool (MW) acc. EN 13162 with the es shall be used, provided that the manufacturer and the trade name of the MW $62 - T5 - DS(T+) - WS - WL(P) - MU1$	are deposited with the	e DIBt.
groove cut in t	ation materials for mechanically fastened ETICS with profiles must have an app he factory around the edges, 24 mm from the inner surface. In to the installer concerning the use of a key coat remains the responsibility of t		3 to 18 mm deep



Annex 2 Safety in case of fire (BWR 2)

2.1 Reaction to fire

Configurations	Organic content	Flame retardant content	Euroclass according to EN 13501-1:2007	
Base coat	max. 2.3 %	no flame retardant		
Mineral wool	Euroclass A1 according to EN 13501-1	no flame retardant		
profiles	-	-		
anchors	-	-]	
Rendering system Base coat with finishing coat and co	A2 - s1,d0			
Bati EME	max. 2.6 %			
Bati EMM		no flame retardant		
Bati fini Silicate AV	max. 6.9 %			
Bati fini Dispersion AV Bati fini Silicone AV	max. 8.5 %			

2.2 Cross heat of combustion for the MW-insulation product EN ISO 1716

 $\text{PCS} \leq 1.4 \; [\text{MJ/kg}]$

2.3 Apparent density EN 1602

Description and characteristics	MW panel	MW panel	MW lamella
Tensile strength perpendicular to the faces [kPa]; EN 1607 - in dry conditions*	$\sigma_{mt} \geq 14$	$\sigma_{mt} \geq 5$	$\sigma_{mt}\!\geq\!80$
Apparent density [kg/m³]; EN 1602	$120 \le \rho_a \le 150$	$100 \le \rho_a \le 150$	$80 \le \rho_a \le 150$
* Minimal value of all single values			



Annex 3

Hygiene, health and environment (BWR 3)

3.1 Water absorption (capillarity test) Base coat:

base coat	Average water absorption [kg/m ²]		
Dase Coat	after 1 h	after 24 h	
Bati therm MMU	0.01	0.17	
Bati therm MMLB	0.09	0.23	

Rendering system:

		Average water absorption [kg/m ²]		
		after 1 h	nach 24 h	
Base coat "Bati	Bati EME	0.14	0.44	
therm MMU" with finishing coat and compatible key coat indicated in annex 1	Bati EMM	0.06	0.45	
	Bati fini Dispersion AV	0.04	0.39	
	Bati fini Silicate AV	0.04	0.14	
	Bati fini Silicone AV	0.06	0.33	

		Average water absorption [kg/m ²]		
		after 1 h	after 24 h	
Base coat "Bati	Bati EME	0.17	0.46	
therm MMLB" with finishing coat and compatible key coat indicated in annex 1	Bati EMM	0.03	0.24	
	Bati fini Dispersion AV	0.10	0.44	
	Bati fini Silicate AV	0.07	0.45	
	Bati fini Silicone AV	0.06	0.43	



3.2 Water vapour permeability ETICS

Rendering system: Base coat "Bati therm MMU" with finishing coat and compatible key coat indicated in annex 1	Equivalent air thickness s _d
Bati EME	\leq 1.0 m (Test result obtained with layer thickness 8 mm: 0.2 m)
Bati EMM	\leq 1.0 m (Test result obtained with particle size 5 mm: 0.2 m)
Bati fini Dispersion AV	\leq 1.0 m (Test result obtained with particle size 4 mm: 0.5 m)
Bati fini Silicate AV	\leq 1.0 m (Test result obtained with particle size 4 mm: 0.3 m)
Bati fini Silicone AV	\leq 1.0 m (Test result obtained with particle size 3 mm: 0.3 m)

Rendering system: Base coat "Bati therm MMLB" with finishing coat as indicated below (assessed without key coat)	Equivalent air thickness s _d
Bati EME	\leq 1.0 m (Test result obtained with layer thickness 12 mm: 0.16 m)
Bati EMM	\leq 1.0 m (Test result obtained with particle size 5 mm: 0.11 m)
Bati fini Dispersion AV	\leq 1.0 m (Test result obtained with particle size 3 mm: 0.20 m)
Bati fini Silicate AV	\leq 1.0 m (Test result obtained with particle size 3 mm: 0.12 m)
Bati fini Silicone AV	\leq 1.0 m (Test result obtained with particle size 3 mm: 0.16 m)



Annex 4

Safety and accessibility in use (BWR 4)

4.1 Bond strength between base coat and MW lamella

		Conditioning			
		Initial state [kPa]	After hygrothermal cycles [kPa]	After freeze/thaw test	
Bati therm MMU	Average	90	no performance		
	Minimal value	40	assessed	Test not required because freeze/thaw	
Bati therm MMLB	Average	no performance	no performance	cycles not necessary	
	Minimal value	assessed	assessed		

4.2 Bond strength between adhesive and substrate

		Conditioning			
Substrate: concrete		Initial state [kPa]	2 d immersion in water and	2 d immersion in water and	
			2 h. drying [kPa]	7 d drying [kPa]	
Bati therm MMU	Average	1070	no performance	no performance	
	Minimal value	760	assessed	assessed	
Bati therm MMLB	Average	ge 686 255		478	
	Minimal value	641	179	327	

4.3 Bond strength between adhesive and MW lamella

		Conditioning			
		Initial state [kPa]	2 d immersion in water and	2 d immersion in water and	
			2 h. drying [kPa]	7 d drying [kPa]	
Bati therm MMU	Average	90	50	80	
	Minimal value	40	50	70	
	Average	no performance	no performance	no performance	
Bati therm MMLB	Minimal value	assessed	assessed	assessed	

Minimal bonded area S for bonded ETICS:

S [%] = 0.03 N/mm² x 100 / 0.08 N/mm²

S = 37.5 %

The minimal surface bonded area S of bonded ETICS is 50 % (system-specific).



4.4 Wind load resistance

The following failure loads only apply to the listed combination of component characteristics and the characteristics of the insulation product.

4.4.1 Safety in use of mechanically fixed ETICS using profiles

Failure loads – table 1

Characteristics of the MW panels	Dimensions	625 mm x 800 mm	
	Thickness	≥ 60 mm	
	Tensile strength perpendicular to the faces	≥ 14 kPa	
Failure load [kN/panel] (Static Foam Block Test)	Horizontal profiles with a vertical distance of 625 mm, fixed every 30 cm and vertical connection profiles No additional anchors in MW panel	Minimal: 1.20 Average: 1.25	

Failure loads – table 2

	Dimensions	625 mm x 800 mm
Characteristics of the MW panels	Thickness	≥ 60 mm
	Tensile strength perpendicular to the faces	≥ 14 kPa
Failure load [kN/panel]	Horizontal profiles with a vertical distance of 625 mm, fixed every 30 cm and vertical connection profiles	Minimal: 2.20
(Static Foam Block Test)	Two additional anchors per MW panel, plate diameter ≥ 60 mm, mounted on the MW panel surface	Average: 2.40

4.4.2 Safety in use of mechanically fixed ETICS using anchors

Failure loads – table 1

Apply to all anchors listed in annex 1 mounted on the insulation panels surface					
Characteristics of the		Thickness		≥ 60 mm	
MW panels		Tensile strength perpendicular to the f	aces	≥ 14 kPa	
Plate diameter of a	nch	or		≥ Ø 60 mm	
	Anchors not placed at the panel joints (Static Foam Block Test)		R _{panel}	Minimal: 0.65 Average: 0.74	
	Anchors placed at the panel joints (Static Foam Block Test)		R _{joint}	Minimal: 0.59 Average: 0.61	
	Anchors not placed at the panel joints (Pull-through test, dry conditions)		R _{panel}	Minimal: 0.64 Average: 0.69	
	(Pu - se	chors not placed at the panel joints II-through test, wet conditions) eries 2* eries 3*	R _{panel}	Minimal: 0.36 Average: 0.39 Minimal: 0.41 Average: 0.45	
	- se		R _p	anel	



Failure loads - table 2

Apply to all anchors listed in annex 1 mounted on the insulation panels surface			
Characteristics of the MW panels Thickness Tensile strength perpendicular to the faces		mm	
		kPa	
	≥ Ø 90 mm	≥ Ø 140 mm	
R _{panel}	Minimal: 0.48 Average: 0.49	Minimal: 0.56 Average: 0.69	
R _{joint}	Minimal: 0.38 Average: 0.39	Minimal: 0.44 Average: 0.54	
chors not placed at the panel joints ull-through test, dry conditions)		no performance assessed	
Anchors not placed at the panel joints (Pull-through test, wet conditions) - series 2*		no performance assessed	
	The Rpanel Rjoint Rpanel	≥ 80> the≥ 5.0≥ Ø 90 mmRpanelMinimal: 0.48 Average: 0.49RjointMinimal: 0.38 Average: 0.39RpanelMinimal: 0.54 Average: 0.61Minimal: 0.40	

Failure loads - table 3

Apply to all anchors listed in clause 1.2 mounted on the insulation panels surface				
Characteristics of the MW lamella		Thickness	≥ 60 mm	
		Tensile strength perpendi	≥ 80 kPa	
Plate diameter of anchor				≥ Ø 140 mm
		rs placed at the panel joints rough test, dry condition)	R _{joint}	Minimal: 0.62 Average: 0.66
		nors placed at the panel joints -through test, wet condition)		Minimal: 0.51 Average: 0.57
		rs placed at the panel joints Foam Block Test)		Minimal: 0.71

The failure loads specified above with a plate diameter of anchor of 60 mm apply to the following anchors with deep mounting only under the following conditions:

Anchor	Thickness of the MW panel [t]	Conditions of installation *
ejotherm STR U, ejotherm STR U 2G (ETA-04/0023)	t ≥ 80 mm	 Maximum installation depth of the anchor plate: 15 mm (≙ thickness of insulation cover) Incision depth: 20 mm
	t ≥ 100 mm	 Maximum installation depth of the anchor plate: 15 mm (≙ thickness of insulation cover) Incision depth: 35 mm
TERMOZ 8 SV (ETA-06/0180)	t ≥ 80 mm	 Maximum installation depth of the anchor plate: 15 mm (≙ thickness of insulation cover)
* according to the appropriate ETA of anchor		



4.5 Render strip tensile test

The average value of crack width of the base coats measured at a render strain value of 1 % is:

Base coat	Glass fibre mesh	Average value of crack width W _{m(1%)}
Bati therm MMU	WDVS-Gewebe Grob	0.07 mm
Bati therm MMLB	WDVS-Gewebe Grob	0.10 mm

4.6 Reinforcement (glass fibre mesh)

WDVS-Gewebe grob	Average warp	Average weft
Tensile strength in as-delivered state [N/mm]	≥ 25	≥ 30
Residual tensile strength after aging [N/mm]	≥ 15	≥ 15
Relative residual tensile strength after aging [%]	≥ 60	≥ 50
Elongation in as-delivered state [%]	4.0	3.7
Elongation after aging [%]	2.9	2.4



Annex 5

Energy economy and heat retention (BWR 6)

5 Thermal resistance and thermal transmittance

The nominal value of the additional thermal resistance R provided by the ETICS to the substrate wall is calculated in accordance with EN ISO 6946:2007 from the nominal value of the insulation product's thermal resistance R_D given accompanied to the CE marking and from the thermal resistance of the rendering system R_{render} which is about 0.02 (m² ·K)/W.

$R = R_D + R_{render}$

The thermal bridges caused by mechanical fixing (anchors, profiles) increases the thermal transmittance U. This influence had to take into account according to EN ISO 6946:2007

U _c = U +	-χ _p ·n	
Where:	U _c :	corrected thermal transmittance [W/(m ² ·K)]
	n:	number of anchors per m ²
	χ _p :	local influence of thermal bridge caused by an anchor. The values listed below can be taken into account if not specified in the anchor's ETA:
	χ_p = 0.004 W/K	for anchors with a galvanized steel screw with the head covered by a plastic material
	χ_p = 0.002 W/K	for anchors with a stainless steel screw covered by plastic anchors and for anchors with an air gap at the head of the screw

The thermal bridges caused by profiles are negligible.



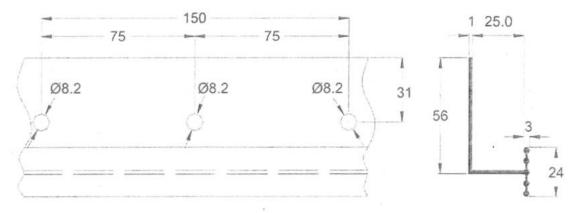
Annex 6

Profiles

In ETICS mechanically fixed with profiles, aluminum (AI) profiles, EN AW 6060 T66 according to EN 755-02:2008 must be used.

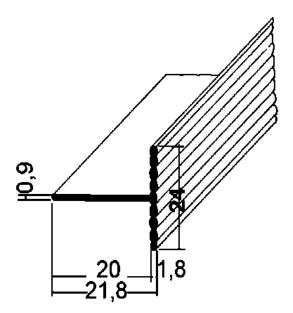
The pull-through resistance of the profile fastenings is \ge 500 N.

Horizontal profil - "Halteleiste Alu" (Dimensions in mm)



Length: 2000 mm

Vertical connection profil "Verbindungsleiste Alu" (Dimensions in mm)



Length: 590 mm