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European Technical Approval

ETA – 09/0091

(English translation prepared by TSUS - Original version in Slovak language)

Trade name:

Obchodný názov:

weber.therm exclusive

Holder of approval:

Držiteľ osvedčenia:

Saint-Gobain Construction Products, s.r.o.
Stará Vajnorská 139
831 04 Bratislava
Slovak Republic

Generic type and use of construction product:

Typ a účel použitia stavebného výrobku:

External Thermal Insulation Composite System with rendering on mineral wool for the use as external insulation to the walls of buildings

Vonkajší tepelnoizolačný kompozitný systém s omietkou z minerálnej vlny pre použitie ako vonkajšia izolácia stien budov

Validity

Platnosť

from:

od:

to:

do

01. 04. 2009

31. 03. 2014

Manufacturing plant:

Miesto výroby:

Saint-Gobain Construction Products, s.r.o.
Stará Vajnorská 139
831 04 Bratislava
Slovak Republic

This European Technical Approval contains:

Toto Európske technické osvedčenie obsahuje

19 pages including 1 annex

19 strán vrátane 1 prílohy



Európska organizácia pre technické osvedčovanie
European Organisation for Technical Approvals

II SPECIFIC CONDITIONS OF THE EUROPEAN TECHNICAL APPROVAL

1. Definition of products and intended use

The External Thermal Insulation Composite System, „weber.therm exclusive“ called ETICS in the following text, is designed and installed in accordance with the ETA-holder's design and installation instructions, deposited with Building Testing and Research Institute. The ETICS comprises the following components, which are factory-produced by the ETA-holder or a supplier. The holder is ultimately responsible for the ETICS.

This ETICS can be sold under the trade name "weber.therm exclusive" with trade names which are also given in the annex 1.

1.1 Definition of the construction product (kit)

	Components (see § 2.3 for further description, characteristics and performances of the components)	Coverage (kg/m ²)	Thickness (mm)
Insulation materials with associated methods of fixing	<ul style="list-style-type: none"> Purely bonded ETICS or bonded ETICS with supplementary mechanical fixings. According to ETA-holder's prescription the bonded surface shall be at least 100 %. National application documents shall be taken into account. Insulation product: mineral wool lamellas MW-EN 13162-T5-DS(T+)-DS(TH)-CS(10)40-TR80-WS-WL(P) Adhesive: weber.therm exclusive (cement based powder requiring addition of 22- 28 % water) 	/	20-200
		4,5-5,0 (powder)	/

	<p>Mechanically fixed ETICS with supplementary adhesive (see § 2.2.8.3 for possible associations MW slabs/anchors). According to ETA-holder's prescription the minimal bonded surface shall be at least 70 %. National application documents shall be taken into account.</p> <ul style="list-style-type: none"> • Insulation products: mineral wool slabs MW-EN 13162-T5-DS(TH)-CS(10)40-TR15-WS-WL(P)-MU1 • Supplementary adhesive: weber.therm exclusive (cement based powder requiring addition of 22- 28 % water) • Anchors: <i>plastic nailed-in anchors</i> Bravoll PTH-KZ 60/8-La Bravoll PTH-KZL 60/8-La <i>plastic nailed-in anchors</i> ejothem NT U ejothem NK U <i>plastic screwed-in anchors</i> ejothem ST U ejothem SK U <i>plastic screwed-in anchors</i> ejothem STR U ejothem SDK U 	/	50 to 200
Base coat	<p>weber.therm exclusive: powder requiring addition of water from 5,5 l to 7 l per 25 kg of powder (packed in bag), i.e. from 0,22 l to 0,25 l of water per 1 kg of powder.</p> <p>Weber.therm exclusive consists of main components: cement, powder syntethic binding agents, sand, specific additives.</p>	About 4,0	Mean (dry): 3,0
Glass fibres meshes	<p>Standard meshes (glass fibres meshes): VERTEX R117 A101 (glass fibre mesh with mass per unit area of min. 145 g/m² of mesh size of about 4,0 mm x 4,5 mm) VERTEX R131 A101 (glass fibre mesh with mass per unit area of min. 160 g/m² of mesh size of about 3,5 mm x 3,8 mm)</p>	/	/
Key coat	<ul style="list-style-type: none"> • Weber VG700: ready to use pigmented liquid. 	0,15-0,2	
Finishing coats	<ul style="list-style-type: none"> • Ready to use pastes – silicate binder weber.pas silicate (particle size 1,5; 2,0 mm) used with mineral slabs and lamellas • Ready to use pastes – acrylic binder: weber.pas acryl (particle size 1,5; 2,0 mm) used with mineral slabs • Ready to use pastes – silicone binder weber.pas exclusive (particle size 1,5; 2,0 mm) used with mineral slabs and lamellas • Ready to use pastes – water-glass, silicone binder weber.pas clean (particle size 1,5; 2,0 mm) used with mineral slabs and lamellas 	2,5-5,2 2,2-4,9 2,5-3,5 2,5-3,5	Regulated by particles size