



Unique identification code of the product-type:	External Thermal Insulation Composite System with rendering ATLAS
Intended use or uses:	System is designed for the use as the external insulation of building walls, made of masonry or concrete with or without rendering.
Manufacturer:	ATLAS Sp. z o.o. ul. Św. Teresy 105, 91-222 Łódź telefon: (042) 631 89 45 fax: (042) 631 89 46 www.atlas.com.pl
System or systems of assessment and verification of constancy of performance:	System 2+
European Technical Approval Guideline:	ETAG 004: February 2013
European Technical Approval:	European Technical Assessment ETA-06/0081 of 24.06.2016 External Thermal Insulation Composite System with Rendering ATLAS Notified production control certification body: no. 1488 Polish Institute of Construction

Declared performance:	
Essential characteristics	Performance
<p>Class of reaction to fire:</p> <ul style="list-style-type: none"> System ATLAS with EPS boards (reaction to fire class E) with finishing coat: Adhesive mortars: ATLAS Stopter K-10, ATLAS Stopter K-20, ATLAS Hoter S, ATLAS Hoter U; Mesh: ATLAS 150, ATLAS 165, R117 A 101, AKE 145, VERTEX 145, SSA 1363-150 SM0.5; Basecoat: ATLAS STOPTER K-20, ATLAS HOTER U; Rendering coat (with appropriate priming mass): ATLAS Acrylic Render, ATLAS Acrylic-Silicone Render, ATLAS Silicone Render, ATLAS Silicone-Silicate Decorative coat (with ARKOL NX primer): ATLAS SALTA N; System ATLAS with EPS boards (reaction to fire class E) with finishing coat: Adhesive mortars: ATLAS Stopter K-10, ATLAS Stopter K-20, ATLAS Hoter S, ATLAS Hoter U; Mesh: R117 A 101, AKE 145, SSA 1363-150 SM(100); Basecoat: ATLAS STOPTER K-20, ATLAS HOTER U; Rendering coat: ATLAS CERMIT SN and DE Mineral Render with ATLAS CERPLAST priming mass), ATLAS SILKAT N i R (with ATLAS SILKAT ASX preparation); Decorative coat: ATLAS ARKOL E, ATLAS ARKOL S, ATLAS ARKOL N, ATLAS FASTEL NOVA, ATLAS SALTA (with appropriate primers) System ATLAS with EPS boards (reaction to fire class E) with finishing coat: Adhesive mortars: ATLAS Stopter K-10, ATLAS Stopter K-20, ATLAS Hoter S, ATLAS Hoter U; Mesh: R117 A 101, AKE 145, SSA 1363-150 SM(100); Basecoat: ATLAS STOPTER K-20, ATLAS HOTER U; Rendering coat: ATLAS CERMIT N and R (with ATLAS CERPLAST priming mass), ATLAS SILKON N i R (with ATLAS SILKAT ANX preparation); Decorative coat: ATLAS ARKOL E, ATLAS ARKOL N, ATLAS FASTEL NOVA, ATLAS SALTA (with appropriate primers) 	<p>C-s2, d0</p> <p>B-s1, d0</p> <p>B-s2, d0</p>
<p>Water absorption for basecoat (Stopter K-20, Hoter U)</p> <ul style="list-style-type: none"> after 1h after 24h 	<p>< 1 kg/m²</p> <p>< 0.5 kg/m²</p>
<p>Water absorption for finishing coat (ATLAS CERMIT SN and DR, ATLAS CERMIT N and R, ATLAS SILKAT N and R, ATLAS SILKON N and R, ATLAS Acrylic Render, ATLAS Acrylic-Silicone Render, ATLAS Silicone Render, ATLAS Silicone-Silicate Render)</p> <ul style="list-style-type: none"> after 24h 	<p>< 0.5 kg/m²</p>
<p>Watertightness:</p> <ul style="list-style-type: none"> Behaviour after hygrothermal cycles Behaviour under repeated freezing and thawing 	<p>resistant</p> <p>resistant</p>
<p>Impact resistance, with single glass fibre mesh layer:</p> <ul style="list-style-type: none"> Standard EPS TR100 with base coat: ATLAS Stopter K-20, with appropriate priming mass and finishing coat: ATLAS Cermit SN and DR, ATLAS SILKAT N and R, ATLAS Acrylic Render, ATLAS Acrylic-Silicone Render, ATLAS Silicone Render Standard EPS TR100 with base coat: ATLAS Stopter K-20, with appropriate priming mass and finishing coat: ATLAS Cermit N and R, ATLAS Silkton N and R, ATLAS Silicone-Silicate Render Standard EPS TR100 with base coat: ATLAS Hoter U, with appropriate priming mass and finishing coat: ATLAS Cermit SN and DR, ATLAS Acrylic Render, ATLAS Acrylic-Silicone Render, ATLAS Silicone Render 	<p>Category III</p> <p>Category II</p> <p>Category III</p>



<ul style="list-style-type: none"> Standard EPS TR100 with base coat: ATLAS Holer U, with appropriate priming mass and finishing coat: ATLAS Cermit N and R, ATLAS SILKAT N and R, ATLAS SILKON N and R, ATLAS Silicone-Silicate Render Elastified EPS TR80 with base coat: ATLAS Stoptel K-20, with appropriate priming mass and finishing coat: ATLAS Cermit SN and DR, ATLAS Cermit N and R, , ATLAS Acrylic Render, ATLAS Acrylic-Silicone Render, ATLAS Silicone Render Elastified EPS TR80 with base coat: ATLAS Stoptel K-20, with appropriate priming mass and finishing coat: ATLAS SILKAT N and R, ATLAS SILKON N and R, ATLAS Silicone-Silicate Render Elastified EPS TR80 with base coat: ATLAS Holer U, with appropriate priming mass and finishing coat: ATLAS Cermit SN and DR, ATLAS Cermit N and R, , ATLAS SILKON N and R, ATLAS Acrylic Render, ATLAS Acrylic-Silicone Render, ATLAS Silicone Render Elastified EPS TR80 with base coat: ATLAS Holer U, with appropriate priming mass and finishing coat: ATLAS SILKAT N and R, ATLAS Silicone-Silicate Render 	Category II
<ul style="list-style-type: none"> Standard EPS with Stoptel K-20 basecoat , with appropriate priming mass and ATLAS SILKAT N and R finishing coat 	Category III
<ul style="list-style-type: none"> Standard EPS TR100 with base coat: ATLAS Holer U, with appropriate priming mass and finishing coat: ATLAS Cermit N and R, ATLAS SILKAT N and R, ATLAS SILKON N and R, ATLAS Silicone-Silicate Render 	Category II
<ul style="list-style-type: none"> Standard EPS TR80 with base coat: ATLAS Stoptel K-20, with appropriate priming mass and finishing coat: ATLAS Cermit SN and DR, ATLAS Cermit N and R, , ATLAS Acrylic Render, ATLAS Acrylic-Silicone Render, ATLAS Silicone Render 	Category III
<ul style="list-style-type: none"> Standard EPS TR80 with base coat: ATLAS Holer U, with appropriate priming mass and finishing coat: ATLAS SILKAT N and R, ATLAS Silicone-Silicate Render 	Category II
Impact resistance, with double glass fibre mesh layer: <ul style="list-style-type: none"> Standard EPS with Stoptel K-20 basecoat , with appropriate priming mass and ATLAS SILKAT N and R finishing coat 	Category II
Water vapour permeability	≤ 2 m
Release/ content of hazardous substances	SEE: Safety Data Sheet
Adhesion: <ul style="list-style-type: none"> Between basecoat and Insulation product (EPS) in dry conditions and after hygrothermal cycles (EPS) In dry conditions between adhesive and substrate (concrete) In dry conditions between adhesive and Insulation product (EPS) After 48h immersion in water +2h of drying at 23 ± 2 °C i 50 ± 5 % RH between adhesive and substrate (concrete) After 48h immersion in water +2h of drying at 23 ± 2 °C i 50 ± 5 % RH between adhesive and insulation product (EPS) After 48h immersion in water + 7 days of drying at 23 ± 2 °C i 50 ± 5 % RH between adhesive and substrate (concrete) After 48h immersion in water + 7 days of drying at 23 ± 2 °C i 50 ± 5 % RH between adhesive and insulation product (EPS) After hygrothermal cycles 	<ul style="list-style-type: none"> ≥ 0.08 MPa ≥ 0.25 MPa ≥ 0.08 MPa ≥ 0.08 MPa ≥ 0.03 MPa ≥ 0.25 MPa ≥ 0.08 MPA ≥ 0.08 MPa
Mounted fixing strength	The test is not required because ETICS fulfills the requirements given in ETAG 004 p. 5.1.4.2
Basecoat resistance to tensile strength	NA
Isolation from air sounds	NA
Thermal resistance and heat transfer coefficient	Heat transfer coefficient of wall insulated with ETICS is calculated according to EN ISO 6946 Standard
Sustainable use of natural resources	NA

The performance of the product is in conformity with the declared performance range. This declaration of performance is issued in accordance to EU Regulation no. 305/2011 under sole responsibility of the manufacturer listed above.

Signed for and on behalf of the manufacturer by: Michał Gosławski in Łódź on 21.02.2018 (edition 3)

ATLAS sp. z o.o.
Dyrektor ds. Rynków Zagranicznych

Michał Gosławski