



Unique identification code of the product-type:	External Wall Insulation System ATLAS (2024)
Intended use or uses:	EWIS ATLAS is intended to be used as external thermal insulation of buildings' walls.
Manufacturer:	Atlas sp. z o.o. Jana Kilińskiego 2 St., 91-421 Łódź, Poland www.atlas.com.pl
System or systems of AVPC:	System 2+
European Assessment Document:	UKAD 040083-00-0404
UK Technical Assessment: Technical Assessment Body:	UKTA-0836-22//6214 from 02/12/2022 British Board of Agrément
Declared essential characteristics:	
Essential characteristics	Performance
Reaction to fire: - reaction to fire of EWIS ATLAS with EPS boards (reaction to fire class E and rendering system: - Adhesives: ATLAS STOPTER K-10, ATLAS STOPTER K-20, ATLAS HOTER S, ATLAS HOTERU; Glass fibre meshes: ATLAS 150, ATLAS 165, R 117 A 101 / AKE 145 / VERTEX 145, SSA 1363-150 SM0.5; Base coats: ATLAS STOPTER K-20, ATLAS HOTER U; Key coats: ATLAS CERPLAST, ATLAS SILKAT ASX, ATLAS SILKON ANX; Finishing coats: ATLAS acrylic render, ATLAS acrylic-silicone render, ATLAS silicone hybrid render, ATLAS silicone render, ATLAS silicone-silicate render; Decorative coats: ATLAS SALTA (with relevant primer) - Adhesives: ATLAS STOPTER K-10, ATLAS STOPTER K-20, ATLAS HOTER S, ATLAS HOTERU; Glass fibre meshes: R 117 A 101 / AKE 145 / VERTEX 145, SSA 1363-150 SM(100); Base coats: ATLAS STOPTER K-20, ATLAS HOTER U; Key coats: ATLAS CERPLAST, ATLAS SILKAT ASX; Finishing coats: ATLAS CERMIT mineral, ATLAS SILKAT; Decorative coats: ATLAS SALTA E, ATLAS SALTA S, ATLAS SALTA N, ATLAS SALTA (with relevant primer) - Adhesives: ATLAS STOPTER K-10, ATLAS STOPTER K-20, ATLAS HOTER S, ATLAS HOTERU; Glass fibre meshes: R 117 A 101 / AKE 145 / VERTEX 145, SSA 1363-150 SM(100); Base coats: ATLAS STOPTER K-20, HOTER U Key coats: ATLAS CERPLAST, ATLAS SILKAT ASX; Finishing coats: ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS SILKON BA; Decorative coats: ATLAS SALTA E, ATLAS SALTA N, ATLAS SALTA (with primers ATLAS ARKOL NX, ATLAS ARKOL SX)	C – s2, d0 B – s1, d0 B – s2, d0
Water-tightness of the EWIS: Hygrothermal behaviour	Resistant
Water-tightness of the EWIS: Freeze-thaw performance	Resistant
Water absorption: - of the reinforced base coat and the rendering system - after 1 h for the reinforced base coat: ATLAS STOPTER K-20, ATLAS HOTER U - after 24 h for the reinforced base coat: ATLAS STOPTER K-20, ATLAS HOTER U - after 24 h for rendering system: base coat ATLAS STOPTER K-20, key coat and finishing coats ATLAS CERMIT mineral, ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS silicate render, ATLAS SILKON BA, ATLAS acrylic render, ATLAS acrylic-silicone render/ATLAS silicone hybrid render, ATLAS silicone render, ATLAS silicone-silicate render - after 24 h for rendering system: base coat ATLAS HOTER U, key coat and finishing coats ATLAS CERMIT mineral, ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS silicate render, ATLAS SILKON BA, ATLAS acrylic render, ATLAS acrylic-silicone render/ATLAS silicone hybrid render, ATLAS silicone render, ATLAS silicone-silicate render	<1.0 kg/m ² <0.5 kg/m ² <0.5 kg/m ² <0.5 kg/m ²
Impact resistance: EWIS with EPS TR100 acc Annex 1 UKTA-0836-22/6214 and standard mesh (single layer) with rendering system: - base coat ATLAS STOPTER K-20, key coat, finishing coats: ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS SILKON BA, ATLAS silicone-silicate render - base coat ATLAS STOPTER K-20, key coat, finishing coats: ATLAS CERMIT mineral, ATLAS silicate render, ATLAS acrylic render, ATLAS acrylic-silicone render, ATLAS silicone hybrid render, ATLAS silicone render, - base coat ATLAS HOTER U, key coat, finishing coats: ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS silicate render, ATLAS SILKON BA, ATLAS silicone-silicate render	II III II



base coat ATLAS HOTER U, key coat, finishing coats: ATLAS CERMIT mineral, ATLAS acrylic render, ATLAS acrylic-silicone render, ATLAS silicone hybrid render, ATLAS silicone render	III
EWIS with EPS TR80 acc. Annex 1 UKTA-0836-22/6214 and standard mesh (single layer) with rendering system:	
base coat ATLAS STOPTER K-20, key coat, finishing coats ATLAS silicate render, ATLAS SILKON BA, ATLAS silicone-silicate render	II
base coat ATLAS STOPTER K-20 key coat, finishing coats ATLAS mineral, ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS acrylic render, ATLAS acrylic-silicone render, ATLAS silicone hybrid render	III
Rendering system: base coat ATLAS HOTER U key coat, finishing coats: ATLAS silicate render, ATLAS silicone-silicate render	II
base coat ATLAS HOTER U, key coat, finishing coats: ATLAS CERMIT mineral, ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS SILKON BA, ATLAS acrylic render, ATLAS acrylic-silicone render, ATLAS hybrid render, ATLAS silicone render	III
EWIS with EPS TR100 acc. Annex 1 UKTA-0836-22/6214 and standard mesh (double layer) with rendering system:	
base coat ATLAS STOPTER K-20, key coat, finishing coats: ATLAS silicate render	II
Water vapour permeability: - of the rendering system (equivalent air thickness S _e)	≤2.0 m
Bond strength: - bond strength between the base coat and the thermal insulation product (mortar or paste) - Initial state - After hygrothermal cycles (on the rig) - After freeze-thaw cycles - bond strength between the adhesive and the substrate - Under dry conditions 48 h immersion + 2 h drying at (23 ± 2)°C and (50 ± 5)% RH 48 h immersion + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH - bond strength between the adhesive and the thermal insulation product - Under dry conditions 48 h immersion + 2 h drying at (23 ± 2)°C and (50 ± 5)% RH 48 h immersion + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH	≥0.08 MPa ≥0.08 MPa NPA ≥ 0.25 MPa ≥ 0.08 MPa ≥ 0.25 MPa ≥ 0.08 MPa ≥ 0.03 MPa ≥ 0.08 MPa
Bond strength after ageing: - bond strength after hygrothermal cycles:	
EWIS with EPS acc. Annex 1 UKTA-0836-22/6214 and standard mesh (single layer) with rendering system:	
base coat ATLAS STOPTER K-20, key coat, finishing coats: ATLAS CERMIT mineral, ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS silicate render, ATLAS SILKON BA, ATLAS acrylic render, ATLAS acrylic-silicone render, ATLAS silicone hybrid render, ATLAS silicone render, ATLAS silicone-silicate render	≥0.08 MPa
base coat ATLAS HOTER U, key coat, finishing coats: ATLAS CERMIT mineral, ATLAS CERMIT acrylic, ATLAS CERMIT N-100, ATLAS silicate render, ATLAS SILKON BA, ATLAS acrylic render, ATLAS acrylic-silicone render, ATLAS silicone hybrid render, ATLAS silicone render, ATLAS silicone-silicate render	≥0.08 MPa
Airborne sound insulation	NPA
Thermal resistance and thermal transmittance	NPD
Sustainable use of natural resources	NPA



The performance of the product is in conformity with the declared performance range.

This declaration of performance is issued in accordance with Regulation (EU) 305/2011 as it has effect in the United Kingdom (according to The Construction Products (Amendment etc.) (EU Exit) Regulations 2020) under sole responsibility of the manufacturer listed above.

Signed for and on behalf of the manufacturer by Patrycja Stasiak in Łódź, 9th October 2024

ATLAS sp. z o.o.
Dyrektor ds. Jakości
Stasiak
Patrycja Stasiak