

ATLAS RENOTER SYSTEM

set of products for insulating external walls of buildings

National Technical Assessment ITB-KOT-2021/2020 edition 1

National Declaration of Performance No. K113/2021

National Certificate of Conformity for Factory Production Control No. 020-UWB-0456/Z

General characteristics of the system

The ATLAS RENOTER system is a complex external wall insulation system (ETICS) for buildings. The thermal insulation technology consists of attaching polystyrene (EPS) panels to the outside of the wall. Styrofoam (EPS) boards are attached to the wall from the outside, a layer of mortar reinforced with fibreglass mesh is placed on them, and then a thin-coat plaster layer is applied.

Purpose

ATLAS RENOTER W system is intended for thermal insulation of external walls insulated with ETICS systems and EPS insulation. EPS insulation in cases where the existing insulation does not meet the thermal requirements or when it requires renovation due to its technical condition.

Use of

The use of ATLAS RENOTER W should be in accordance with the technical design prepared for the object. The design should take into account: Polish building standards and regulations, provisions of the National Technical Assessment, ITB Instruction No. 447/2009, ITB Technical Conditions for Execution and Acceptance of Building Works and thermal and moisture calculations.

The design should specify: the assessment of the condition of the substrate and the method of its preparation, the type and thickness of the thermal insulation panels, the type and number of placement of mechanical fasteners, the method of treatment of special places on the façade (window and door reveals, balconies, plinths, expansion joints, etc.), and the method of installation.

Elements of the ATLAS RENOTER system

According to the applicable regulations, the insulation system is treated as one construction product in its entirety and must therefore only be used in the layering and material configuration described in the Technical Approval. The use of "compilations", i.e. the use of products not covered by the Technical Approval, from other systems or manufacturers, is not permitted.

In the ATLAS RENOTER system, products can be used according to the following list.

Fixing of thermal insulation adhesive mortar ATLAS STOPTER K-20 adhesive mortar ATLAS STOPTER K-50 adhesive mortar ATLAS HOTER U adhesive mortar ATLAS HOTER S
Thermal insulation product polystyrene boards as described in the National Technical Assessment of ATLAS RENOTER System
Fixing of thermal insulation - additional fasteners for fixing thermal insulation as described in the National Technical Assessment of ATLAS RENOTER System
Reinforced layer - adhesive adhesive mortar ATLAS STOPTER K-20 adhesive mortar ATLAS STOPTER K-50 adhesive mortar ATLAS HOTER U Reinforced layer - mesh ATLAS 150 ATLAS 165
External layer - render thin layer render ATLAS CERMIT ND + ATLAS CERPLAST primer ATLAS SILICONE RENDER IN + ATLAS SILKON ANX or ATLAS CERPLAST primer ATLAS SILICONE RENDER IN + ATLAS SILKON ANX or ATLAS CERPLAST primer ATLAS ACRYLIC RENDER + ATLAS CERPLAST primer ATLAS SILIKONE-SILIKATE RENDER + primer ATLAS SILKON ANX or ATLAS CERPLAST External layer - optional ATLAS SALTA paint ATLAS SALTA S paint ATLAS SALTA N paint ATLAS SALTA E paint