



HYGRO SMART[®]

COVER
OVER **SYSTEM**

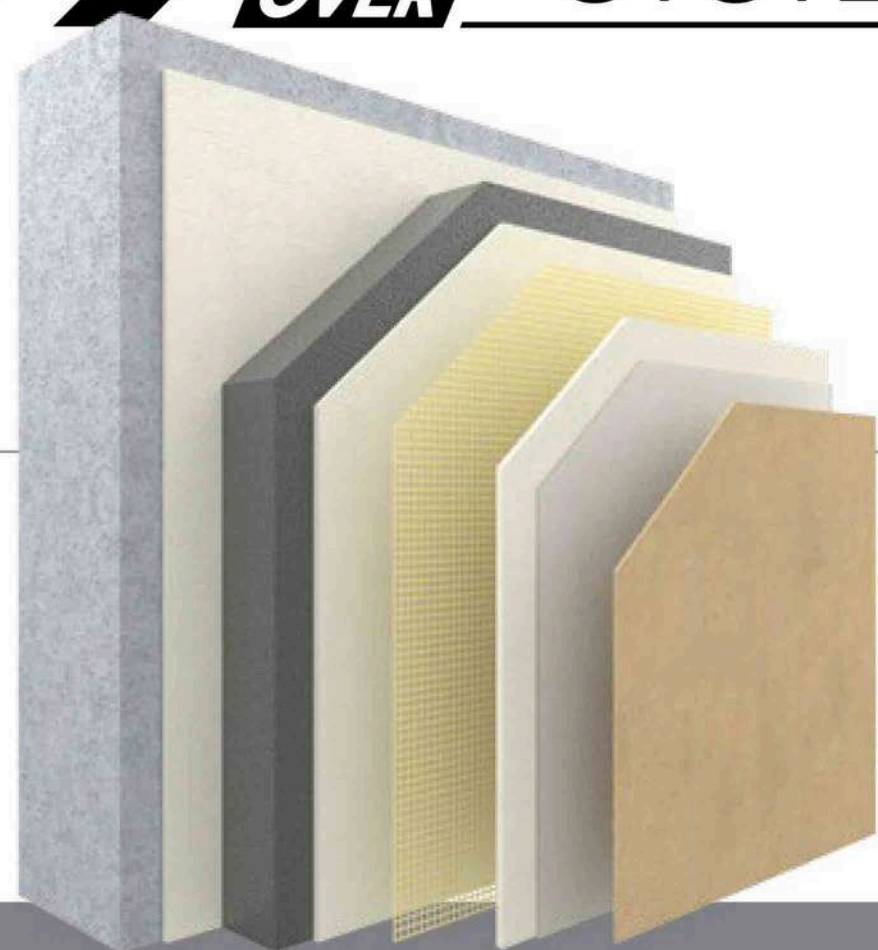
EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM

HYGRO SMART®

COVER OVER SYSTEM

The HYGROSMART® COVER OVER SYSTEM, consists of ALCHIMICA's high quality and performance guaranteed products that can be applied fast, efficiently and with ease. It has been developed and tested to provide long-lasting performance, elasticity, and the reduction of thermal losses for energy efficient buildings. The system achieves ultimate thermal insulation by shielding the building from any environmental conditions while it contributes to the architectural reshaping and aesthetical upgrade of new and old buildings.

EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM



1. MOUNTING

HYGROSMART® -ADHESIVE TH

Special adhesive coating for thermal insulation boards, HYGROSMART® - ADHESIVE TH. It offers advanced mechanical properties for excellent bonding and adhesion, ensuring the ultimate performance and the long duration of the system.

2. THERMAL INSULATION

THERMAL INSULATION EPS, XPS, MW

Installation of the certified insulation boards on the substrate. They provide a low rate of thermal conductivity that ensures the required insulation.

3. REINFORCEMENT

HYGROSMART®-ADHESIVE TH WITH FIBERGLASS MESH

Application of HYGROSMART® - ADHESIVE TH on the thermal insulation boards with fiberglass mesh reinforcement. The use of fiberglass mesh enhances the safety and durability of the system against mechanical and environmental stresses.

4. ADHESION

PRIMER APPLICATION

HYGROSMART® - GD PRIMER or TH PRIMER application prior to application of the finishing layer.

5. AESTHETICS & PROTECTION

HYGROSMART® - TH PLASTER

Application of the finishing layer, HYGROSMART® - TH PLASTER for the completion of the system's protection. It offers an ideal aesthetic result, in a wide variety of colors and granules sizes of 1.0mm, 1.2mm and 1.5mm.



CERTIFICATION

HIGH PERFORMANCE CERTIFIED
ACCORDING TO ETAG-004



SHIELDING

PROTECTION AND
DURABILITY OF THE SYSTEM
AGAINST MECHANICAL AND
ENVIRONMENTAL STRESSES
FOR NEW AND OLD BUILDINGS



SAVING

ENERGY SAVING
CONSUMPTION REDUCTION



WELLNESS

IMPROVING INDOOR
THERMAL COMFORT



AESTHETIC PERFECTION

FINISH COATINGS
IN HUNDREDS OF COLORS



HYGROSMART® COVER OVER SYSTEM

**External thermal insulation
in all environmental conditions**



ALCHIMICA BUILDING CHEMICALS

Unit 2,

Dairy Park,

Spring Gardens, SA34 0HN

TEL: 01437 563564

EMAIL: info@alchimica.co.uk

WEBSITE: www.alchimica.co.uk

**PRIOR APPLICATION
PLEASE CONSULT TECHNICAL DATA SHEET (TDS) AND
SAFETY DATA SHEET (SDS)**