

HYGROSMART® COVER OVER SYSTEM

External thermal insulation
in all environmental conditions



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CERTIFIED QUALITY, ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND
SAFETY MANAGEMENT SYSTEMS: ISO 9001/14001 & ISO 45001

PRIOR APPLICATION
PLEASE CONSULT PRODUCT'S TECHNICAL DATA SHEET (TDS)
AND SAFETY DATA SHEET (SDS)

HYGRO SMART® COVER OVER SYSTEM

CERTIFIED EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM

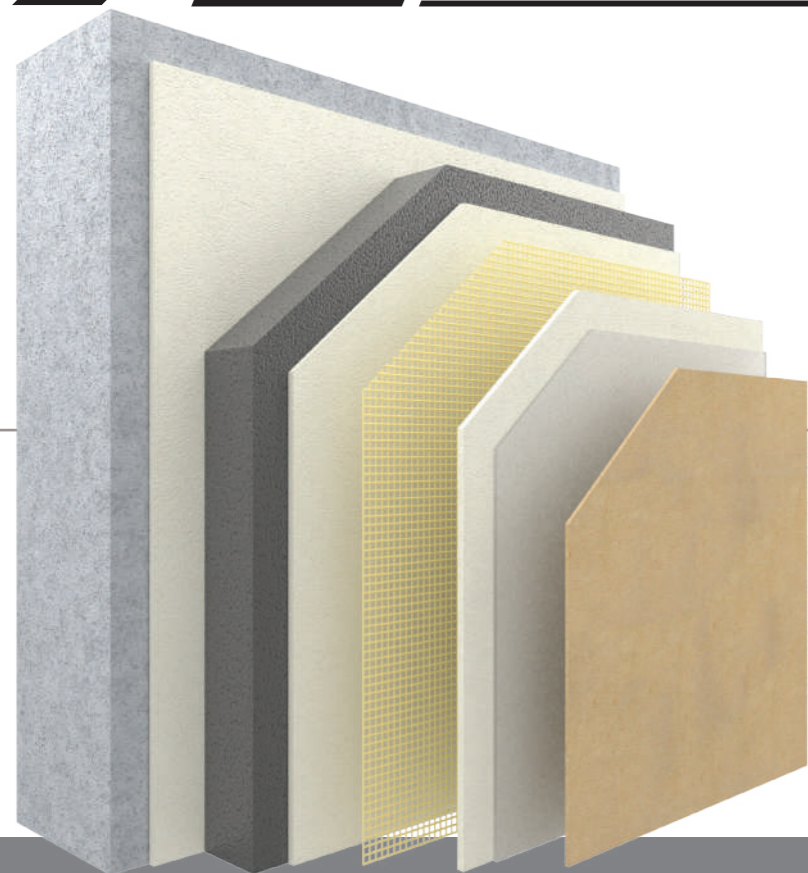


HYGRO SMART®

COVER OVER SYSTEM

ENERGY EFFICIENCY | SHIELDING | AESTHETIC PERFECTION

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.



CERTIFIED EXTERNAL THERMAL INSULATION COMPOSITE SYSTEM



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



APPLICATION STEPS

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/PU PLASTER
1.0mm, 1.2mm, 1.5mm**

Application of the innovative polyurethane plaster HYGROSMART® - PU PLASTER, based on the HYPERDESMO® technology. It has excellent breathability, water repellence and ensures durability, elasticity and high fire resistance while providing additional protection.