ALCHIMICA S.A.
7, Lampsakou Str.
11528 Athens
GREECE.
Tel: +30 214 4167 700
Fax: +30 214 4167 701
www.alchimica.com

EU-Declaration of Performance
In accordance with Annex III of Regulation (EU) No.305/2011
(Construction Product Regulation)

For the product
"HYGROSMART –TH-EPS 80"
"HYGROSMART –TH-EPS 80G"
"HYGROSMART –TH-EPS 100"

No 20 11 740-7/06.03.2020

1. Unique identification code of the product-type:

   EN 13163:2012+A1:2015

2. Intended use:

   Thermal insulation boards from expanded polystyrene (EPS) for use on building facades for external thermal insulation composite systems (ETICS)

3. Manufacturer:

   ALCHIMICA SA
   7, Lampsakou Str.,
   11528 Athens-Greece

4. Authorized representative:

   -

5. Systems of AVCP:

   System 4

6. (a) Harmonized standard:

   EN 13163:2012+A1:2015

   Notified body/dies:

   0919

6. (b) European Assessment Document:

   European Technical Assessment:

   No 20 11 740-7/06.03.2020

ALCHIMICA S.A.
7, Lampsakou Str.
11528 Athens
GREECE.
Tel: +30 214 4167 700
Fax: +30 214 4167 701
www.alchimica.com

Technical Assessment Body:

GSH (Guteschutzgemeinschaft Hartschaum e.V.)

Notified body:

0919

7. Declared performance

EN 13163:2012+A1:2015

Performance determined of

HYGROSMART – TH-EPS 80
HYGROSMART – TH-EPS 80G
HYGROSMART – TH-EPS 100

Performance			**Harmonized technical specification**
EPS 80	**EPS 80G**	**EPS 100**	EN 13163:2012 + A1:2015
λ_D =0.036 W/m.K Euroclass E	λ_D =0.031 W/m.K Euroclass E	λ_D =0.034 W/m.K Euroclass E	
$W_{lp} \leq 0.5$ N/mm^2	$W_{lp} \leq 0.5$ N/mm^2	$W_{lp} \leq 0.5$ N/mm^2	
$f_{tk} \geq 0.02$ N/mm^2	$f_{tk} \geq 0.02$ N/mm^2	$f_{tk} \geq 0.02$ N/mm^2	
$G_m \geq 1.0$ N/mm^2	$G_m \geq 1.0$ N/mm^2	$G_m \geq 1.0$ N/mm^2	

NPD: No Performance Determined

8. Appropriate Technical Documentation and/or Specific Technical Documentation:
-

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Krimizis Christos
CEO

Athens 24/06/2020