

NOVATHERM SYSTEM

DECLARATION OF PERFORMANCE

No. CPR-2180010

1. Unique identification code of the product type: **NOVATHERM SYSTEM**
2. Intended use/s: **ETA-20/0795 according EAD 040083-00-0404 External Thermal Insulation Composite System with renderings for use on building walls**
3. Manufacturer: **DOMOCHEMICAL S.A.
Papanikoli 40
15232 Chalandri, Athens
+30 210 6893954
novamix@novamix.gr
www.novamix.gr**
4. Authorised representative: **-**
5. System/s of AVCP: **System 2+**
- 6b. European assessment document: **EAD 040083-00-0404**
- European technical assessment: **ETA-20/0795**
- Technical assessment body: **TECHNICAL AND TEST INSTITUTE FOR
CONSTRUCTION PRAGUE (TZÚS, NB 1020)**
- Notified body/ies: **BUSINESS QUALITY VERIFICATION TESTING
INSPECTION AND CERTIFICATION SERVICES P.C
(BQV, NB 2884)**

NOVATHERM SYSTEM

7. Declared performance/s:

Essential Characteristics	Performance	Harmonized Technical Specification
Reaction to fire	B-s1, d0	
Water absorption	After 1h: < 0,1 kg/m ² After 24h: < 0,5 kg/m ²	
Hydrothermal behaviour	Resistant to hygrothermal cycles	
Freeze / thaw behaviour	Freeze / thaw resistant	
Bond Strength	<p>Base coat onto insulation board:</p> <ul style="list-style-type: none"> • Initial state: $\geq 0.08\text{MPa}$ • After hygrothermal cycles: $\geq 0.08\text{MPa}$ <p>Adhesive onto concrete:</p> <ul style="list-style-type: none"> • Initial state: $\geq 0.25\text{MPa}$ • Immersion 48h and 2h drying: $\geq 0.08\text{MPa}$ • Immersion 48h and 7d drying: $\geq 0.25\text{MPa}$ <p>Adhesive onto insulation board:</p> <ul style="list-style-type: none"> • Initial state: $\geq 0.08\text{MPa}$ • Immersion 48h and 2h drying: $\geq 0.03\text{MPa}$ • Immersion 48h and 7d drying: $\geq 0.08\text{MPa}$ 	EAD 040083-00-0404
Wind load resistance	<p>With anchors</p> <ul style="list-style-type: none"> • At the body of the insulation board: $\geq 0.6\text{kN}$ • At the panel joint: $\geq 0.5\text{kN}$ 	
Bond strength after ageing of finishing coat	$\geq 0,08\text{ MPa}$ (failure on insulation board)	
Tensile strength of the glass fibre mesh	According 3.3.7. ETA-20/0795	
Thermal resistance	<ul style="list-style-type: none"> • Render: $0,02\text{ m}^2\text{K/W}$ • ETICS: $\geq 1,00\text{ m}^2\text{K/W}$ 	

NOVATHERM SYSTEM

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Thiva, 30/07/2021



Dr. Plumis Papayassiliou
R&D/QC Manager

End of information as required by Regulation (EU) No 305/2011 & 574/2014

External Thermal Insulation Composite System with Renderings, NOVATHERM SYSTEM

Component	Product
Adhesive	NOVABOND PS FLEX
Factory-made thermal insulation product	NOVATHERM EPS 80/100/150/200 WR NOVATHERM EPS 80/100/150/200 GR
Mechanical fixing device	Plastic anchors: LTX-8, LMX-8, LTX-10, LMX-10
Base coat	NOVABOND PS FLEX
Glass fibre mesh	NOVATHERM NET
Key coat	NOVADUR W PLANO CONTACT
Finishing coat	PLANOCOLOR ACR 1.0 PLANOCOLOR ACR 1.5 PLANOCOLOR ACR 2.0 PLANOCOLOR SLR 1.0

NOVATHERM SYSTEM



2884

ΔΟΜΟΧΗΜΙΚΗ Α.Β.Ε.Ε.
ΠΑΠΑΝΙΚΟΛΗ 40, 15232 ΧΑΛΑΝΔΡΙ, ΑΘΗΝΑ
DOMOCHEMICAL S.A
ΠΑΡΑΝΙΚΟΛΙ 40,15232 CHALANDRI, ATHENS

NOVATHERM SYSTEM

21

DoP No.: CPR-2180010

EAD 040083-00-0404

ETA-20/0795

2884-CPR-00053

**External Thermal Insulation Composite System
with renderings for use on building walls**