Declaration of performance

No. 14841/23.10.2014

According ANNEX III of Construction Products Regulation (CPR) No. 305/2011

1. Unique identification code of the product-type:

   V-PUR S-84L

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
   See batch number on product label

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
   In-situ formed sprayed rigid polyurethane (PUR) for thermal insulation

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):
   VIOPOL SA, 55th km National Rd. Athens-Lamia Inofita, GR 32011, Greece

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
   Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
   System 3

7. Construction product covered by the harmonised standard:
   EN 14315-1

   Performed: **Initial type testing, made by :**

   - **CSI 0497: Reaction to fire (Report : 0439/DC/REA/14_2/16.6.2014)**
   - **CEIS 1722 : Thermal resistance, Closed cell content (Report : CAT0033/4.6.2014), Compressive strength (Report : CAT0060/30.7.2014)**

8. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	**Euroclass E**	EN 13501-1/ EN 11925-2
Closed Cell Content	**>90% /CCC4**	UNE-EN ISO 4590
Thermal resistance	**See performance charts (Annex)**	UNE-EN 12667
Compressive strength	**>300 kPa /CS10Y(300)**	UNE-EN 826

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dimitris Moutsopoulos / Technical Manager Viopol SA

Date **: 15/9/2014** .....

CE

VIOPOL SA, 55th km National Rd. Athens-Lamia Inofita, GR 32011, Greece
14

EN 14315-1

V-PUR S-84L

Sprayed PU foam, intended to be used in building thermal insulation
Reaction to fire – E
Thermal conductivity : See performance charts

PU EN 14315-1: CCC4- CS(10/Y)300 - CT5(20) – GT10(20) – TFT15(20) – FRC30

ANNEX

TABLE A.1: Performance chart for diffusion tight faces

Thickness (mm)	Declared aged thermal conductivity (λ_D) W/m.°K	Thermal Resistance level (R_D) m^2.°K/W
30	0,025	1,20
35	0,025	1,40
40	0,025	1,60
45	0,025	1,80
50	0,025	1,99
55	0,025	2,19
60	0,025	2,39
65	0,025	2,59
70	0,025	2,79
75	0,025	2,99
80	0,025	3,19
85	0,025	3,39
90	0,025	3,59
95	0,025	3,79
100	0,025	3,99
105	0,025	4,19
110	0,025	4,39
115	0,025	4,59
120	0,025	4,79
125	0,025	4,99

Viopol S.A. 55th km National Rd. Athens-Lamia Inofita, GR 32011, Greece
Tel: +30 22620 32027 Fax: +30 22620 31763 www.viopol.gr

TABLE A.2: Performance chart for one diffusion open face and one diffusion tight face

Thickness (mm)	Declared aged thermal conductivity (λ_D) W/m.°K	Thermal Resistance level (R_D) m^2.°K/W
30	0,030	1,01
35	0,030	1,18
40	0,028	1,41
45	0,028	1,59
50	0,028	1,76
55	0,028	1,94
60	0,027	2,19
65	0,027	2,38
70	0,027	2,56
75	0,027	2,74
80	0,027	2,92
85	0,027	3,11
90	0,027	3,29
95	0,027	3,47
100	0,027	3,65
105	0,027	3,84
110	0,027	4,02
115	0,027	4,20
120	0,027	4,38
125	0,027	4,57