



Expanded Polystyrene Manufacturers

ISOPOL LTD, P.O.BOX 54115, 3721 Limassol – Cyprus

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DECLARATION OF PERFORMANCE

No. EPS 90-CPR-16/01/2014

1. Unique identification code of the product-type:

ISOPOL EPS 90

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

T1-L1-W1-S1-P4-DS(70,90)-BS150-DS(N)5-CS(10)90

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Expanded polystyrene, intended to be used as thermal insulation in buildings.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**ISOPOL LTD
Ayios Athanasios Industrial Area,
P.O.BOX 54115,
3721 LIMASSOL-Cyprus**

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

System 3

6. In case of the declaration of performance concerning a construction product covered by a harmonised standard: **EN 13163:2012**

**FIW – MUNICH
Lochhamer Schlag 4, 82166 Gräfelfing - GERMANY
Tel.: +49 89 85800-00, Fax: +49 89 85800-40**

performed the initial testing of the product according to system 3 and issued test reports:

L1-07-080, H.E-61e and 62e/07 and H.K-23e/07



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7. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Euroclass E	EN 13163:2012
Release of dangerous substances	-	
Thermal resistance -Thermal conductivity, λ_D -Thickness -Thermal resistance, R ($m^2 K/W$)	λ DECLARED = 0,037 W/mK T1 Plate thickness / Thermal resistance 50 mm / 1,35 60 mm / 1,62 80 mm / 2,16 100 mm / 2,70 120 mm / 3,24	
Compressive strength -Compressive stress at 10 % deformation	CS(10)90	
Tensile/Flexural strength -Bending Strength	BS150	
Dimensional stability 23°C / 50% relative humidity	-0,2 %	
Dimensional stability under specified temperature and humidity conditions 70°C / 90% relative humidity	-0,1%	

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. 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:

Limassol 16/01/2014

Loizou Demetris, director