

DECLARATION OF PERFORMANCE

N.º 221050_EN14063-1_EN_v01

1. **Identification:** ARGEX® 8-16

2. **Product type:** 221050

3. **Use:** Thermal insulating materials and products - In-situ formed expanded clay lightweight aggregate products (LWA).

4. **Manufacture:** **ARGEX – Argila Expandida, S.A.**
Zona Industrial de Bustos, Azurveira
3770 – 911 Bustos Aveiro – Portugal
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5. **Attestation:** System 3

6. **Standard:** EN 14063-1:2004

ITEcons – Institute for Research and Technological Development in Construction Science (Portugal) have carried out type tests the below reports:

Certificates nº: OMH 086/13 and OMH 085/13

7. **Declared performance:**

Essential characteristics	Performance	Harmonized technical specification
Thermal resistance Thermal conductivity Loose bulk density Particle size distribution	0,10 W/m.K 297 Kg/m3 8,0 – 16,0 mm	EN 14063-1
Water vapor transmission	N.P.D.	
Resistance to fragmentation/crushing	1,4 MPa	EN 13055-1 (Annex B)
Durability of reaction to fire against ageing/degradation	N.P.D.	EN 14063-1
Durability of thermal resistance against ageing/degradation	N.P.D.	
Durability of compressive strength against ageing/degradation	N.P.D.	
Fire resistance	Euroclass A1	2000/605/EC

N.P.D. – No Performance Declared

8. The performance of the product in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Aveiro, 01-04-2013



Nelson Costa
(Quality Manager)