

In accordance with EU Construction Products Regulation (CPR) No 305/2011 and Commission Delegated Regulation (EU) No. 574/2014

No. DoP – PT – 0007 – 07

1. UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:

(0007) Leca® L

2. INTENDED USE/S:

Lightweight aggregate obtained by processing natural materials. For use in concrete, prefabrication and mortars on buildings, roads and civil engineering works. In-situ thermal insulation formed from expanded clay lightweight aggregate products. For use in thermal insulation of roofs, ceilings, floors and ground floors.

Notified body/ies:

SGS-ICS –SERVIÇOS INTERNACIONAIS DE CERTIFICAÇÃO, notified production control certification body Nº 1029
LGAI TECHNOLOGICAL CENTER, S. A. / Applus, notified testing laboratory nº0370

3. MANUFACTURER:

Leca Portugal, S.A.
Estrada Nacional 110 S/N
3240-356 Avelar, Portugal
[Tel: \(+351\) 236 62 06 00](tel:+351236620600) / Fax: (+351) 236 62 06 20
www.leca.pt

4. AUTHORISED REPRESENTATIVE:

Saint-Gobain Weber France
2/4, rue Marco Polo – ZAC des Portes de Sucy
94370 Sucy-en-Brie
Mobile: +33 (7) 85 83 25 35
www.fr.weber

Leca UK
Saint-Gobain House
East Leake
Loughborough
Leicester
LE12 6JU
www.leca.co.uk

Saint-Gobain Sweden AB
Box 415, Norra Malmvägen 76
SE-191 24 Sollentuna, Sweden
www.leca.se

5. SYSTEM/S OF AVCP:

System 2+
System 3
System 4

6. HARMONISED STANDARD:

EN 13055-1:2002/AC:2004
EN 14063-1:2004/AC:2006

7. DECLARED PERFORMANCE/S:

Essencial characteristics		Performance Harmonised standard: EN 13055-1:2002/AC:2004	System/s of AVCP
Particle shape		Approximately spherical	2+
Particle size		10 - 20 mm [15-90] % passed	
Loose bulk density		275 kg/m ³ (± 15 %)	
Percentage of crushed particles		≤ 25% weight	
Cleanliness		NPD	
Resistance to fragmentation/ crushing		≥ 0,7 N/mm ²	
Composition/content	Chloride	< 0,1% Cl	
	Acid soluble sulfate	< 0,4% SO ₃	
	Total sulfur	< 0,2% S	
Volume stability		NPD	
Water absorption		<38 % dry mass	
Emission of radioactivity		NPD	
Release of heavy metals		NPD	
Release of polyaromatic carbons		NPD	
Release of other dangerous substances		NPD	
Durability against freeze/thaw		Durable according to long term experience in Nordic climate	
Durability against alkali-silica reactivity		NPD	

Essencial characteristics		Performance Harmonised standard: EN 14063-1:2004/AC:2006	System/s of AVCP
Reaction to fire		Classe A1	4
Water permeability		NPD	3
Release of dangerous substances to the indoor environment		NPD	
Thermal resistance	Thermal conductivity	≈ 0,110 W/m°C	
	Loose bulk density	275 kg/m ³ (± 15%)	
	Aggregate size	10-20mm [15-90] % passed	
Water vapour transmission		NPD	
Crushing resistance		≥ 0,7 N/mm ²	
Durability of reaction to fire against ageing/degradation		Unchangeable in time	
Durability of thermal resistance against ageing/degradation		Unchangeable in time	
Durability of compressive strength against ageing/degradation		Unchangeable in time	

NPD = No Performance Determined | AVCP =Assessment and Verification of Constancy of Performance

8. APPROPRIATE TECHNICAL DOCUMENTATION AND/OR SPECIFIC TECHNICAL DOCUMENTATION:

Not applicable.

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:

Cristina Maria Serra Silveiro Freire

Avelar

2024.02.15

Cristina Freire
