



DECLARATION OF PERFORMANCE

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

No. DoP_DK_(1)16020xxx_EN 13055-1_UK

- Unique identification code of the product-type:**
(1)16020xxx_EN 13055-1 (Leca® 4-10)
- Intended use/s:**
Expanded clay lightweight aggregate for concrete, mortar and grout in buildings, roads and civil engineering works and for the manufacturing of precast concrete products
- Manufacturer:**
Leca Danmark A/S
Randersvej 75
DK-8940 Randers SV,
Denmark
Phone: +45 87 61 02 01
Web: www.leca.dk
- Authorised representative:**
Not relevant
- System/s of AVCP:**
System 2+
- Harmonised standard:**
EN 13055-1:2002 and EN 13055-1:2002/AC:2004

Notified body/ies:
No. 0615 Bureau Veritas Certification Denmark A/S

- Declared performance/s:**

Essential characteristics		Performance
Particle shape		Round/cracked
Particle size	Aggregate size	3,15 – 10 mm
	Grading	NPD
Loose bulk density		290 kg/m ³ +/- 15 % (250 – 330)
Percentage of crushed particles		0 – 60 %
Cleanliness		NPD
Resistance to fragmentation/ crushing		> 0,78 N/mm ²
Composition/content	Chloride	< 0,02 %
	Acid soluble sulfate	< 0,5 % SO ₃
	Total sulfur	< 0,32 % S
Volume stability		NPD
Water absorption	5 min.	19 – 33 %
	60 min.	20 – 40 %
	24 hours	25 – 46 %
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

- 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:

Plant Manager Jakob D. Knudsen
(name)

Randers
(place)

2017.10.01
(date of issue)

CE-marking

0615
Leca Danmark A/S Randersvej 75, Hinge DK-8940 Randers V
17 DoP_DK_(1)16020xxx_EN 13055-1
EN 13055-1 Leca® 4-10 (product type: (1)16020xxx_EN 13055-1) Intended use/s: Expanded clay lightweight aggregate for concrete, mortar and grout in buildings, roads and civil engineering works and for the manufacturing of precast concrete products
Declared performance: See section 7 of Declaration of Performance
Declaration of Performance and CE-marking to be found at www.leca.dk or sent on request.