



## 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](http://www.leca.dk)
  - Authorised representative:*  
**Leca Trade UK**  
Regus House, Herons Way  
Chester Business Park  
Chester, CH4 9QR  
[www.leca.co.uk](http://www.leca.co.uk)
  - 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 <sup>3</sup> +/- 15 % (250 – 330)
Percentage of crushed particles		0 – 60 %
Cleanliness		NPD
Resistance to fragmentation/ crushing		> 0,78 N/mm <sup>2</sup>
Composition/content	Chloride	< 0,02 %
	Acid soluble sulfate	< 0,5 % SO <sub>3</sub>
	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



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:

Plant Manager Jakob D. Knudsen  
(name)

Randers  
(place)

2017.10.01  
(date of issue)

**CE-marking**


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