

DECLARATION OF PERFORMANCE

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

CN Blähton 4 - 10 mm

No. DoP_DK_(1)16020xxx_EN 13055-1_UK_Ver3

1. *Unique identification code of the product-type:*
(1)16020xxx_EN 13055-1 (Leca® 4-10)
2. *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
3. *Manufacturer:*
Leca Danmark A/S
Randersvej 75
DK-8940 Randers SV
Denmark
Phone: +45 87 61 02 01
Web: www.leca.dk
4. *Authorised representative*
Not relevant
5. *System/s of AVCP:*
System 2+
6. *Harmonised standard:*
EN 13055-1:2002 and EN 13055-1:2002/AC:2004

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

7. *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

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:

Geesthacht
(place)



Thomas Helk

01.02.2023
(date of issue)

Managing Director CN Consulting und Baustoff- Vertriebsgesellschaft mbH
(name)

CE-marking


0615
Leca Danmark A/S Randersvej 75, Hinge DK-8940 Randers SV
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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 manufacturing of precast concrete products
Declared performance: Loose bulk density: 290 kg/m³
Declaration of Performance and CE-marking to be found at www.leca.dk or send on request