

## DECLARATION OF PERFORMANCE

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

### CN Blähton 10 - 20 mm

No. DoP\_DK\_(1)16040xxx\_EN 13055-1\_UK\_Ver3

1. *Unique identification code of the product-type:*  
(1)16040xxx\_EN 13055-1; Leca® 10-20; Leca® Large
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       | 8 - 20 mm   |
|   | Grading              | NPD   |
| Loose bulk density                          |                      | 245 kg/m <sup>3</sup> +/- 15 % (210 - 280)                  |
| Percentage of crushed particles             |                      | 0 - 15 %  |
| Cleanliness                                 |                      | NPD   |
| Resistance to fragmentation / crushing      |                      | > 0,52 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.               | 16 - 30 %   |
|   | 60 min.              | 20 - 34 %   |
|   | 24 hours             | 24 - 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  |
| <b>Leca Danmark A/S</b><br>Randersvej 75, Hinge<br>DK-8940 Randers SV   |
| 15  |
| DoP_DK_(1)16040xxx_EN 13055-1   |
| <b>EN 13055-1</b>   |
| <b>Leca® 10-20, Leca® Large</b><br>(product type: (1)16040xxx_EN 13055-1)   |
| <b>Intended use(s):</b><br>Expanded clay lightweight aggregate for concrete,<br>mortar and grout in buildings, roads and civil<br>engineering works and for manufacturing of<br>precast concrete products |
| <b>Declared performance:</b><br>Loose bulk density: 245 kg/m <sup>3</sup>   |
| Declaration of Performance and CE-marking to be<br>found at <a href="http://www.leca.dk">www.leca.dk</a> or send on request   |