

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)16040xxx_EN 15732_UK_Ver4

1. *Unique identification code of the product-type:*
(1)16040xxx_EN 15732, Leca® 10-20, Leca® Large
2. *Intended use/s:*
Expanded Clay Lightweight aggregate for light weight fill and thermal insulation in civil engineering applications
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:*

| | | | |
|--|---|--|---|
| <p>Leca Norge AS Årensvegen 1 2009 Nordby, Norway</p> <p>Phone: +47 4148 7100 Web: www.leca.com</p> | <p>Leca Sverige AB Box 6103 580 06 Linköping Sweden</p> <p>Phone +46 3186 7727 Web: www.leca.com</p> | <p>Fibo ExClay Deutschland GmbH Rahdener Strasse 1 21759 Lamstedt Germany</p> <p>Phone +49 4773 896 0 Web: www.leca.com</p> | <p>Leca UK Saint-Gobain House East Leake Loughborough Leicester LE12 6JU UK Phone +44 844 3351 770 Web: www.leca.com</p> |
|--|---|--|---|

5. *System/s of AVCP:*
System 3
6. *Harmonised standard:*
EN 15732:2012

Notified body/ies:

No. 1071 Sintef Building and Infrastructure (Compressive strength)

No. 1235 Danish Technological Institute (Thermal conductivity)

No. 0402 SP Technical Research Institute of Sweden (Resistance to dynamic loads)

7. *Declared performance/s:*

| Essential characteristics | | Performance |
|--|----------------------|---|
| Reaction to fire | | Euroclass A1 (according Commission Decision 2000/605/EC) |
| Water permeability | | $> 10^{-3}$ m/s |
| Release of dangerous substances | | NPD |
| Thermal resistance | Thermal conductivity | 0,095 W/mK |
| | Loose bulk density | 245 kg/m ³ +/- 15 % |
| | Aggregate size | 8 – 20 mm |
| Water vapour transmission | | 2 |
| Compressive strength | | CS (10): > 0,70 MPa CS (2): > 0,28 MPa |
| Resistance to dynamic loads | | < 1,0 % (at 0,12 MPa, 2.000.000 cycles) |
| Durability of reaction to fire against ageing/degradation | | Does not change over time |
| Durability of thermal resistance against ageing/degradation | | Does not change over time |
| Durability of compressive strength against ageing/degradation | | Does not change over time |
| Durability of resistance to dynamic loads against ageing/degradation | | Does not change over time |
| Durability against chemicals and biological attack | | Does not change over time |

NPD = No performance determined

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 Søren Duelund Sørensen
(name)

Randers
(place)

2024.02.01
(date of issue)

CE-marking

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|---|
|  1071 / 1235 / 0402 |
| Leca Danmark A/S Randersvej 75 DK-8940 Randers SV 15 DoP_DK_(1)16040xxx_EN 15732 |
| EN 15732 (1)16040xxx_EN 15732, Leca® 10-20, Leca® Large Intended use(s): Expanded Clay Lightweight aggregate for light weight fill and thermal insulation in civil engineering applications |
| Declared performance: Thermal conductivity: 0,095 W/mK |
| Declaration of Performance and CE-marking to be found at www.leca.dk or sent on request. |