



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

- Unique identification code of the product-type:*
(1)16040xxx_EN 15732 (Leca® 10-20)
- Intended use/s:*
Expanded Clay Lightweight aggregate for light weight fill and thermal insulation in civil engineering applications
- Manufacturer:*
Leca A/S
Randersvej 75
DK-8940 Randers SV,
Denmark
Phone: +45 87 61 02 01
Web: www.leca.com
- Authorised representative:*
Not relevant
- System/s of AVCP:*
System 3
- 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)
- 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 % (210 – 280) |
| | 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 | | Does not change over time |
| Durability against chemicals and biological attack | | Does not change over time |



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)

2016.05.01
(date of issue)

CE-marking

| |
|--|
|  1071, 1235 and 0402 |
| Leca A/S Randersvej 75, Hinge DK-8940 Randers V 15 DoP_DK_(1)16040xxx_EN 15732 |
| EN 15732 Leca® 10-20 (product type: 16040xxx_en 15732) Intended use(s): Expanded Clay Lightweight aggregate for light weight fill and thermal insulation in civil engineering applications |
| Declared performance: See section 7 of Declaration of Performance |
| Declaration of Performance and CE-marking to be found at www.leca.com or sent on request. |

Leca®

