



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_Ver2

- 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:**

Leca Norge AS Årensvegen 1 2009 Nordby, Norway Phone: +47 4148 7100 Web: www.leca.com	Leca Sverige AB Box 6103 580 06 Linköping Sweden Phone +46 3186 7727 Web: www.leca.com	Fibo ExClay Deutschland GmbH Rahdener Strasse 1 21759 Lamstedt Germany Phone +49 4773 896 0 Web: www.leca.com	Leca UK Regus House, Herons Chester Business Park Chester, CH4 9QR UK Phone +44 844 3351 770 Web: www.leca.com
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- 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		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)

2020.01.01
(date of issue)



CE-marking

 1071 / 1235 / 0402
Leca Danmark A/S Randersvej 75, Hinge 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: See section 7 of Declaration of Performance
Declaration of Performance and CE-marking to be found at www.leca.dk or sent on request.