

## YTELSESERKLÆRING

### *DECLARATION OF PERFORMANCE*

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

**No.: DoP-NO-Leca\_ISO\_8/20\_GEO**

Revisjon 4 / *Revision 4*

#### 1. ENTYDIG IDENTIFIKASJONSKODE / *UNIQUE IDENTIFICATION CODE:*

Leca® ISO 8/20

#### 2. TILSIKTET BRUKSOMRÅDER / *INTENDED USES:*

Lette, ekspanderte leireaggregater til bruk i lette fyllinger og som varmeisolerings til anleggsformål /  
*Lightweight expanded clay aggregates for lightweight fillings and thermal insulation for civil engineering applications*

#### 3. PRODUSENT / *MANUFACTURER:*

Leca Norge AS,  
Årnesvegen 1,  
2009 Nordby, Norway

Phone: +47 414 37 100

E-mail: info@leca.no

Web: www.leca.no

#### 4. GODKJENT REPRESENTANT / *AUTHORISED REPRESENTATIVE:*

Ikke relevant / *Not applicable*

#### 5. SYSTEM FOR YTELSESKONTROLL / *SYSTEM FOR VERIFICATION:*

AVCP system 3

#### 6. UTSTEDT EUROPEISK TEKNISK VURDERING / *ISSUED DECLARATION OF PERFORMANCE FOR EUROPEAN TECHNICAL ASSESSMENT:*

Ikke relevant / *Not applicable*

#### 7. HARMONISERT STANDARD ELLER EAD / *HARMONIZED STANDARD OR EAD:*

EN 15732:2012

Typeprøving er utført av SINTEF AS (ref. nr. 1071) i overensstemmelse med System 3 og etter angitt standard. Egenkontroll i produksjonen. / *SINTEF AS as notified laboratory (ref. no. 1071) performed determination of the initial product type testing under system 3 and issued a type testing report. Internal production control.*

## 8. ANGITTE YTELSER / DECLARED PERFORMANCES:

<b>Vesentlige egenskaper / Essential characteristics</b>	<b>Ytelse / Performance</b>
Brannpåvirkning / <i>Reaction to fire</i>	Euroclass A1 (Commission Decision 2000/605/EC)
Vannpermeabilitet ( $K_{sat}$ ) / <i>Water permeability (<math>K_{sat}</math>)</i>	$> 10^{-1}$ m/s
Utlekking av kjemiske stoffer / <i>Release of dangerous substances</i>	NPD <sup>a)</sup>
Varmemotstand / <i>Thermal resistance</i>	Varmeledningsevne / <i>Thermal conductivity</i> $< 0,104$ W/mK
	Løs tørrdensitet / <i>Loose bulk density</i> 245 kg/m <sup>3</sup> ±15%
	Aggregat sortering / <i>Aggregate fraction</i> 8/20 mm
Vanndamptransmisjon / <i>Water vapour transmission</i>	2
Trykkfasthet / <i>Compressive strength</i>	CS (10): $> 800$ kPa CS (2): $> 300$ kPa
Motstand mot dynamisk last / <i>Resistance to dynamic loads</i>	$< 1,0$ % (120 kPa, 2 000 000 cycles)
Endringer i brannmotstand ved aldring/degradering / <i>Durability of reaction to fire against ageing/degradation</i>	NPD <sup>a)</sup> Holdbar ifølge lang tids erfaring / <i>Durable according to long term experience</i>
Endringer i varmemotstand ved aldring/degradering / <i>Durability of thermal resistance against ageing/degradation</i>	NPD <sup>a)</sup> Holdbar ifølge lang tids erfaring / <i>Durable according to long term experience</i>
Endringer i trykkfasthet ved aldring/degradering / <i>Durability of compressive strength against ageing/degradation</i>	NPD <sup>a)</sup> Holdbar ifølge lang tids erfaring / <i>Durable according to long term experience</i>
Endringer i dynamisk last ved aldring/degradering / <i>Durability of resistance to dynamic loads against ageing/degradation</i>	NPD <sup>a)</sup> Holdbar ifølge lang tids erfaring / <i>Durable according to long term experience</i>
Endringer i motstand mot kjemisk og biologisk degradering / <i>Durability against chemicals and biological attack</i>	NPD <sup>a)</sup> Holdbar ifølge lang tids erfaring / <i>Durable according to long term experience</i>

a) NPD = Ytelse ikke bestemt / *NPD = No Performance Determined*

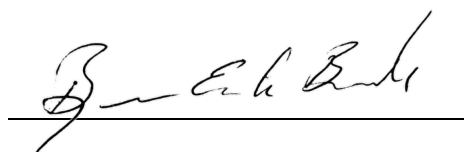
Ytelsen for produktet, er i samsvar med de angitte ytelsene i de gjeldende i punktene. Ytelseserklæringen er utstedt på produsentens eget ansvar, som angitt, i henhold til EU-regulativ No 305/2011.

Undertegnet for og på vegne av produsenten av:

*The performance of the product, 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.*

*Signed for and on behalf of the manufacturer by:*

**Bjørn Erik Busch,**  
Fabrikksjef Leca Rælingen  
Factory manager Leca Rælingen  
(Rælingen, NO, 05/10/2022)





1071

**Leca Norge AS**  
**Årnesvegen 1**  
**N-2009 Nordby**  
**Norway**

**16**

DoP-NO-Leca\_ISO\_8/20\_GEO

**EN 15732**

**Leca® ISO 8/20**

**Intended use(s):**

Light weight fill and thermal insulation  
for civil engineering applications

Reaction to fire: Euroclass A1  
Thermal conductivity ( $\lambda_{10}$ ): 0,104 W/mK  
Compressive strength CS(L0): 800 kPa  
Designation: Exp. clay LWA EN 15732-  
LD245-PS(8/20)

For detailed of properties, see Declaration  
of Performance (DoP) available on:  
[www.leca.no](http://www.leca.no)