Portland Cement CEM I 42.5 R

DECLARATION OF PARAMETERS

No. CE42-2018-08



- 1. Unique product type identification code:
- **2.** Intended uses of the construction product specified by the manufacturer in accordance with the applicable harmonized technical specification:
- **3.** Name, registered trade name or registered trade mark and contact address of the manufacturer, as required pursuant to Article 11, section 5:
- 4. Authorized representative:
- **5.** System for assessment and verification of invariance of construction product parameters, as listed in Attachment V:
- **6 a**. Harmonized standard: Notified body:

Portland cement EN 197-1 CEM I 42.5 R

Used for production of concrete, mortar, grout and other mixtures for constructions and construction products manufacturing.

CEMMAC a.s., Cementárska 14/14, 91442 Horné Srnie, Slovak Republic, Phone: +421 32 6576 111, Fax: +421 32 6588 304, email: mail@cemmac.sk, CIN: 31412106

No relevant data

System 1+

EN 197-1:2011

The notified Body No. 1301 BUILDING TESTING AND RESEARCH INSTITUTE, n.o., Studená 3, 821 04 Bratislava performed the initial tests of the specified product properties, initial inspection of the manufacturing facility and factory production control and is conducting continuous inspections, assessment and approval of factory production control, tests of samples taken in the production facility, on the market or from the construction in accordance with 1+ system and issued the Certification of constancy of performance of the product n. 1301 – CPR – 0035 as per harmonized standard: EN 197-1: 2011

No relevant data

6 b. In case of a declaration of parameters relating to a construction product, for which the European Technical Assessment has been drawn up:

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7. Declared parameters:

| Essential properties | Parameters | Test standard | Harmonized standard EN 197-1:2011 |
|----------------------------------|----------------------------|------------------|------------------------------------|
| 2-day compressive strength | min. 20 MPa | EN 196-1 | |
| 28-day compressive strength | min. 42.5 max. 62.5 MPa | EN 196-1 | |
| SO ₃ sulphate content | max. 4.0% | EN 196-2 | |
| Loss on Ignition | max. 5.0 % | EN 196-2 | |
| Insoluble residue | max. 5.0 % | EN 196-2 | |
| Chloride content | max. 0.1% | EN 196-2 | |
| Initial setting time | min. 60 minutes | EN 196-3 | |
| Volume stability (expansion) | max. 10 mm | EN 196-3 | |

The cements does not meet the criteria for PTB or vPvB as per Attachment XIII to REACH document (Regulation (EC) No. 1907/2006).

8. The parameters of the product referred to in points 1 and 2 are in conformity with the parameters declared in point 7.

This Declaration of Parameters has been issued on the sole responsibility of the manufacturer referred to in point 3.

Signed on behalf of the manufacturer:

In Horné Srnie on 17 August 2018

Ing. Martin Kebísek, MBA Managing Director

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