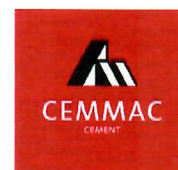




DECLARATION OF PARAMETERS

No. AS42-2018-08

- | | |
|---|--|
| 1. Unique product type identification code: | <i>Portland slag cement EN 197-1
CEM II/A-S 42.5 R</i> |
| 2. Intended uses of the construction product specified by the manufacturer in accordance with the applicable harmonized technical specification: | <i>Used for production of concrete, mortar, grout and other mixtures for constructions and construction products manufacturing.</i> |
| 3. Name, registered trade name or registered trade mark and contact address of the manufacturer, as required pursuant to Article 11, section 5: | <i>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</i> |
| 4. Authorized representative: | <i>No relevant data</i> |
| 5. System for assessment and verification of invariance of construction product parameters, as listed in Attachment V: | <i>System 1+</i> |
| 6 a. Harmonized standard:
Notified body: | <i>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 – 0563 as per harmonized standard: EN 197-1: 2011</i> |
| 6 b. In case of a declaration of parameters relating to a construction product, for which the European Technical Assessment has been drawn up: | <i>No relevant data</i> |



DECLARATION OF PARAMETERS

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7. Declared parameters:

Essential properties	Parameters	Test standard	Harmonized standard
2-day compressive strength	min. 20 MPa	EN 196-1	EN 197-1:2011
28-day compressive strength	min. 42.5 max. 62.5 MPa	EN 196-1	
SO ₃ sulphate content	max. 4.0%	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

A handwritten signature in blue ink, appearing to read 'Martin Kebísek', written over a horizontal line.

Ing. Martin Kebísek, MBA
Managing Director