

## Declaration of performance 2477 – CPR – 1833 – 0213

1. Unique identification code of the product-type:  
**Portland limestone cement, HRN EN 197-1 CEM II/A-LL 42,5R, Holcim Lumen® cement**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
**CEM II/A-LL 42,5R**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
**for the preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products.**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5).:  
**Holcim (Hrvatska) d.o.o.,  
Koromačno 7b, 52 222 Koromačno, Republika Hrvatska**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2).:  
**Not applicable**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V.:  
**System 1+**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**Institut IGH dioničko društvo za istraživanje i razvoj u graditeljstvu, NB 2477, performed , determination of the product-type on the basis of type testing (including sampling), the initial inspection of the manufacturing plant and factory production control, continuous surveillance, assessment and evaluation of factory production control and audit-testing of samples taken before placing the product on the market under system 1 + and issued a certificate of constancy of properties of the product number 2477-CPR-1833.**
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
**Not applicable**

## 9. Declared performance

| Essential characteristic                               | Performance   | Harmonised technical specification |
|--------------------------------------------------------|---------------|------------------------------------|
| Common cement (subfamilies) components and composition | CEM II / A-LL | <b>HRN EN 197-1:2012</b>           |
| Compressive strength (early and standard)              | 42,5R         |                                    |
| Setting time                                           | pass          |                                    |
| Insoluble residue                                      | pass          |                                    |
| Loss of ignition                                       | pass          |                                    |
| Soundness<br>- expansion                               | pass          |                                    |
| Soundness<br>- SO <sub>3</sub> content                 | pass          |                                    |
| Chloride content                                       | pass          |                                    |

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

**Not applicable**

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**Virna Višković-Agušaj,**

**Plant manager**



**Koromačno, 10. December 2013.**