

# DECLARATION OF PERFORMANCE

No. 02



1. **Unique identification code of the product-type:**  
Lightweight aggregate Liapor 2B 4/10
2. **Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**  
Liapor 2B 4/10 mm
3. **Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**  
The preparation of concrete, mortar, grout and mixes for construction and the manufacture of construction products as well as other bound and unbound mixtures for use in roads and other civil engineering works according to:  
DIN EN 13055-1:2002 und DIN EN 13055-2:2004
4. **Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):**  
Liapor GmbH & Co. KG; Werk Pautzfeld; Industriestr. 2; D-91352 Hallerndorf/Pautzfeld
5. **Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):**  
Not relevant
6. **System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**  
System 2+
7. **In case of the declaration of performance concerning a construction product covered by a harmonised standard:**  
TÜV Rheinland LGA Bautechnik GmbH (0780) performed initial inspection of the manufacturing plant and of factory production control and continuously surveys, assesses and evaluates factory production control under System 2+ and issued the certificate of the factory production control:  
No. 0780-CPR-111074
8. **In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:**  
Not relevant
9. **Declared performance**  
See complete table at the end of this declaration.  
**Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:**  
Not relevant
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.**

## Declared performance according point 9:

Essential characteristics		Performance	Harmonised technical specification
Physical characteristics	Particle shape	round	DIN EN 13055-1:2002 DIN EN 13055-2:2004
	Particle size	4 – 10 mm	
	Fines	≤ 1,5 M.-%	
	Loose bulk density	235 ± 25 kg/m <sup>3</sup>	
	Particle density	0,45 ± 0,05 kg/dm <sup>3</sup>	
	Water absorption w <sub>60</sub>	14 ± 4 M.-%	
	Water absorption w <sub>24h</sub>	20 ± 4 M.-%	
	Crushing resistance	≥ 0,45 N/mm <sup>2</sup>	
Chemical characteristics	Freezing and thawing resistance	< 2,0 M.-%	
	Chloride	< 0,02 M.-%	
	Acid-soluble sulfate	< 0,8 M.-%	
	Total sulfur	< 1,0 M.-%	

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

Jürgen Tuffner, CEO  
(name and function)

Hallerndorf/Pautzfeld, 04.05.2015  
(place and date of issue)

(signature)