

CE 2032
Heidelberg Materials Vulkan 6405 Dimitrovgrad, Bulgaria www.heidelbergmaterials.bg
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HMV/CPR-07/01 2032-CPR-19.71D EN 13282-1:2013
Hydraulic Road Binder BDS EN 13282-1 – HRB E 4
Treatment of materials for bases, sub-bases, capping layers and earthworks roads, railways, airports and other types of infrastructures
Essential characteristic are accessed in accordance with BDS EN 13282-1:2013

**DECLARATION OF PERFORMANCE
HMV/CPR-07/01**

relative to weighing note №
«kno» / «date»

- | | |
|---|---|
| 1. Unique identification code of the product type: | Hydraulic Road Binder – HRB E 4 |
| 2. Commercial name | |
| 3. Type | Hydraulic Road Binder – HRB E 4 |
| 4. Intended use/es of the construction product in accordance with the applicable harmonized technical specification | Treatment of materials for bases, sub-bases, capping layers and earthworks roads, railways, airports and other types of infrastructures |
| 5. Manufacturer: | Heidelberg Materials Vulkan , 6405 Dimitrovgrad, Bulgaria
www.heidelbergmaterials.bg |
| 6. System of assessment and verification of constancy of performance of the construction product | System 2+ |
| 7. Harmonized standard | EN 13282-1:2013 |
| 8. Notified body | Notified body for product certification NB 2032
(2032, Building Research Institute NISI) , carried out production control certification, based on initial inspection and production control of the manufacturing plant, continuous monitoring, evaluation, and approval of production control in the plant under System 2+ and issued a certificate of conformity of production control, number: 2032-CPR-19.71D |

9. Declared performance

Essential characteristics	Performance parameter	Harmonized technical specification
Rapid setting Hydraulic Road Binder	HRB E4	BDS EN 197-1:2011
Compressive strength early 7d standard 28d	$\geq 16 \text{ MPa}$ $\geq 32,5 \text{ MPa} \leq 52,5 \text{ MPa}$	BDS EN 196-1
Setting time	$\geq 90 \text{ min}$	BDS EN 196-3
Soundness-Expansion	$\leq 10 \text{ mm}$	
Fineness (sieve residue on 90 microns)	$\leq 15,0 \%$	BDS EN 196-6
Sulphates (SO3) content	$\leq 4,0 \%$	BDS EN 196-2
Determination of dangerous substances – The content of soluble chromium VI	$\leq 2 \text{ ppm}^*$	BDS EN 196-10

*Does not apply to cements and cement-containing mixtures that are used in controlled, closed and fully automated processes where the cement and cement-containing mixtures are processed entirely by machines and where there is no possibility of skin contact. For products containing an additive that reduces the content of water-soluble chromium Cr 6+ according to Regulation (EC) 1907/2006, the manufacturer indicates the period of effectiveness of the additive in compliance with the cement storage conditions. This term for cement in bags is up to 3 months from the packaging date indicated on the packaging and up to 1 month from the date of sale for bulk cement

Signed for and on behalf of the manufacturer by:
Dimitrovgrad, 29.07.2025

Nadezhda Chankova
Quality Manager

