



1. Construction product commercial name:

Hydrogard W

2. Construction product type designation:

Hydrogard W hydrophobic impregnation

3. Intended use(s)

Water-based hydrophobic preparation in the form of a concentrate for absorbent substrates

4. Manufacturer's name and address:

**PHSC Chemicals Sp. z o.o.
ul. Droga Dębińska 29
61-492 Poznań, Poland**

5. Name and address of the authorised representative, should it be instituted:

N/A

6. National system used for assessment and verification of constancy of performance:

System 4

7. National technical specification:

7a. Polish product standard: **N/A**

Name of the accredited certification entity, accreditation number and national certificate number or name of the accredited laboratory (laboratories) and accreditation number: **N/A**

7b. National technical evaluation:

IBDiM NATIONAL TECHNICAL ASSESSMENT: No. IBDiM-KOT-2021/0749

Technical assessment entity/Domestic technical assessment entity:

Road and Bridge Research Institute

Name of the accredited certification entity, accreditation number and certificate number:

**Road and Bridge Research Institute, Anti-Corrosive Bridge Protection Team,
No. Ab1424**

8. Declared performance:

Essential characteristics of the construction product for intended use(s)	Declared performance	Procedure Test methods
Density (concentrate)	1,39 ± 5% g/cm ³	PN-EN ISO 2811-2:2016-04
Density (preparation solution)	0,95 ± 5% g/cm ³	PN-EN ISO 2811-2:2016-04
Viscosity	27,0 ± 10% mPa s	PN-EN ISO 2431:2019-07



Essential characteristics of the construction product for intended use(s)	Declared performance	Procedure Test methods
Condition of the concrete surface after 200 cycles of freezing in the air and defrosting in water at: $(-18 \pm 2)^{\circ}\text{C}/(+18 \pm 2)^{\circ}\text{C}$	Coating unaltered	Procedure IBDIM nr PB/TM-1/13:2009
Capillary absorption	$\leq 0,1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$	PN-EN 1062-3:2008
Water absorption limit indicator	$\geq 53 \%$	IBDIM Research Procedure Nr PB-TM-X5:2012
Impregnation depth	Class I < 10 mm	PN-EN 1504-2:2006

9. The performance of the product identified above is in conformity with all the declared performance listed in point 8. This Domestic Declaration of Performance is issued pursuant to the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

On behalf of the manufacturer signed by:

DYREKTOR TECHNICZNY


Michał Mańkowski

[CHIEF TECHNICAL OFFICER]
[MICHAŁ MAŃKOWSKI]

Name and surname and post

Poznań, 17.05.23 r.
Place and date of issue

 **PHSC**
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