

1. Construction product commercial name:

**KTX 05 sacrificial coating**

2. Construction product type designation:

**KTX 05**

3. Intended use(s):

**Special coatings for concrete surface protection against graffiti****For use in construction - transportation engineering**

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:

**NATIONAL TECHNICAL ASSESSMENT No. IBDIM-KOT-2022/0841**

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	0,97 ± 5% g/cm <sup>3</sup>	PN-EN ISO 2811-2:2016-04
Viscosity	36 ±10% mPa s	PN-EN ISO 2555:2018-07
Condition of the coated surface after 200 cycles of freezing and defrosting in water, at: (-18±2)°C/(+18±2)°C	Coating unaltered	Procedure IBDIM nr PB/TM-1/13:2009

Essential characteristics of the construction product for intended use(s)	Declared performance	Procedure Test methods
Capillary absorption	$\leq 0,1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0,5}$	PN-EN 1062-3:2008
CO <sub>2</sub> permeability	$\geq 50 \text{ m}$	PN-EN 1062-6:2003
Water vapour permeability	$\leq 4 \text{ m}$	PN-EN ISO 7783:2018-11
Water absorption limit indicator	$\geq 50 \%$	IBDIM Research Procedure Nr PB-TM-X5:2012
Number of graffiti removal cycles depending on protection durability	= 1	ASTM D6578M-13
Graffiti removal degree S	V	ASTM D6578M-13
UV fluorescent radiation resistibility	500 h	PN-ISO 11507 PN-EN ISO 4628
Time from application to anti-graffiti full protection properties	24 h	as declared by the manufacturer
Maximum time of graffiti removal, counted from its application	No limitations	as declared by the manufacturer

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, 16.05.23 r.  
Place and date of issue