

Certificate

VERIFIED PRODUCT

In accordance with TNP-STANDARD-PS of TÜV NORD Polska Sp. z o.o. standards, it is hereby certified that product(s)

Thermal – insulation paint PSC – 250T:

1. Multi-component coating material HP, HP+, Build
2. Acrylic paint EC, ECR, ECO, ECE, ECF
3. Acrylic paint ECI
4. Silicate paint ECO+
5. Silicate paint ECI+

This certificate attests that all test criteria for determining the designated product characteristics and product type, as described in the technical specification, have been met with:

Verified product parameters – in accordance with the Appendix to the Certificate

The certificate is valid only for copies of the product having the same parameters as the model presented during the audit. This certification was conducted in acc. with the TÜV NORD Polska Sp. z o.o. auditing and certification procedures and is subject to continuous monitoring. As a condition for maintaining the validity of the certificate, it is required to undergo an annual surveillance audit.

Certificate No: 65408

Assessment Program No.: PS/PO1/111/15102025

Valid from: 20.08.2021

Audit Report No: PS_PP_01_Z08 from 20.08.2021 and
14.12.2023

Valid until: 19.08.2026

PS/RC/111 from 20.10.2025

TÜVNORD

Elektronicznie
podpisany przez
Tomasz Bruski

Katowice, 20.10.2025

Manager of Verified Product Certification
Tomasz Bruski

TÜV NORD Polska Sp. z o.o.
Ul. Mickiewicza 29,
40-085 Katowice
tuv-nord.pl

Annex

to certificate no. 65408

VERIFIED PRODUCT

Date of issue 20.10.2025

Scope of verification

Multi-component coating material HP, HP+, Build

| Parameter | Test method | Parameter value |
|---|--|--|
| Classification in terms of reaction to fire | PN-EN 13501-1+A1:2010 - "Fire classification of construction products and building elements - Part 1: Classification based on reaction to fire tests" | <ul style="list-style-type: none"> For class B-s1,d0: Fs ≤ 150 mm in 60 s No burning droplets/solid waste causing ignition of the filter material |
| Volumetric density [g/cm ³] | In-process research by methodology PN-B 04500:1985 | 0,5-0,55 |
| pH | Testing in the course of production by the methodology ZN-KT/11:2016 | 8,5-9,5 |
| Water vapor transmission- water vapor transmission coefficient V [g/m ² d] | PN-EN ISO 7783:2018-11 - "Paints and varnishes - Determination of water vapor transmission properties - Method using a cup". | V ₁ |
| Water absorption [m ² h ^{0,5}] | PN-EN 1062-3:2008 - "Paints and varnishes - Paint products and coating systems for outdoor use on masonry and concrete - Part 3: Determination of water permeability." | W ₃ |
| VOC content [g/l] | PN-EN ISO 11890-1:2008 - "Paints and varnishes. Determination of volatile organic compounds (VOC) content. Part 1: Differential method" | 9,1 |
| Adhesion to the ground concrete [MPa] | PN-EN 1542-3:2000 - "Products and systems for the protection and repair of concrete structures - Test methods - Measurement of adhesion by peeling". | ≥0,3 |
| Adhesion to the ground steel [MPa] | PN-EN 1542-3:2000 - "Products and systems for the protection and repair of concrete structures - Test methods - Measurement of adhesion by peeling". | ≥0,3 |
| Thermal durability - After 20 freeze-thaw cycles [MPa] | PN-EN 13687-3:2002 - "Products and systems for the protection and repair of concrete structures - Test methods - Determination of thermal compatibility - Part 3: Thermal cycles without de-icing salt". | ≥0,3 |
| PZH Attestation | Order of the Minister of Health dated March 26, 2019. (Journal of Laws 2019, item 595) | YES |

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Scope of verification

Acrylic paint EC, ECR, ECO, ECE, ECF

| Parameter | Test method | Parameter value |
|---|--|---|
| pH | Testing in the course of production by the method of ZN-KT/11:2016 | 8,5-9,5 |
| Volumetric density [g/cm ³] | In-process research by methodology PN-B 04500:1985 | 0,9-0,95 |
| Water vapor transmission- water vapor transmission coefficient V [g/m ² d] | PN-EN ISO 7783:2018-11 - "Paints and varnishes - Determination of water vapor transmission properties - Method using a cup". | V ₂ |
| Water absorption [m ² h ^{0,5}] | PN-EN 1062-3:2008 - "Paints and varnishes - Paint products and coating systems for outdoor use on masonry and concrete - Part 3: Determination of water permeability". | W ₃ |
| Gloss 85° ≤ 10 [Mat] | PN-EN ISO 2813:2014 - "Paints and varnishes - Determination of gloss values at 20 degrees, 60 degrees and 85 degrees". | G ₃ |
| Coating thickness > 50 ≤ 100 [μm] | PN-EN 1062-1:2005 - "Paints and varnishes - Paint products and coating systems for outdoor use on masonry and concrete - Part 1: Classification". | E ₂ |
| Grain size | PN-EN ISO 1524:2002 - "Paints, varnishes and graphic inks -- Determination of the degree of spreading". | S ₁ |
| Load at failure [N] | PN-EN 1542:2000 - "Products and systems for the protection and repair of concrete structures - Test methods - Measurement of adhesion by peeling". | 1400 |
| Adhesion [n/mm ²] | PN-EN 1542:2000 - "Products and systems for the protection and repair of concrete structures - Test methods - Measurement of adhesion by peeling". | 0,8 |
| Type of destruction | PN-EN 1542:2000 - "Products and systems for the protection and repair of concrete structures - Test methods - Measurement of adhesion by peeling". | A |
| VOC content [g/l] | PN-EN ISO 11890-1:2008 - "Paints and varnishes. Determination of volatile organic compound (VOC) content. Part 1: Differential method" | 18,2 |
| Impact resistance [Nm] | PN-EN ISO 6272-2:2011 - "Paints and varnishes - Tests for sudden deformation (impact resistance) - Part 2: Test using a falling weight, small area indenter." | Class I - ECO Class II - EC, ECR, ECE, ECF |
| Improved abrasion resistance (load of 1000 g/cycle count 1000) [%] | PN-EN ISO 5470-1:2017-02 - "Flat textile products coated with rubber or plastics -- Determination of abrasion resistance -- Part 1: Taber abrasion device". | ≥30 |
| PZH Attestation | Order of the Minister of Health dated March 26, 2019. (Journal of Laws 2019, item 595) | YES |

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Scope of verification

Acrylic paint ECI

| Parameter | Test method | Parameter value |
|---|--|-----------------|
| pH | Testing in the course of production by the method ZN-KT/11:2016 | 8,5-9,5 |
| Volumetric density [g/cm ³] | In-process research by methodology PN-B 04500:1985 | 0,9-0,95 |
| Water vapor transmission- water vapor transmission coefficient V [g/m ² d] | PN-EN ISO 7783:2018-11 - "Paints and varnishes - Determination of water vapor transmission properties - Method using a cup". | V ₂ |
| Water absorption [m ² h ^{0,5}] | PN-EN 1062-3:2008 - "Paints and varnishes - Paint products and coating systems for outdoor use on masonry and concrete - Part 3: Determination of water permeability". | W ₃ |
| Gloss 85° ≤ 10 [Mat] | PN-EN ISO 2813:2014 - "Paints and varnishes - Determination of gloss values at 20 degrees, 60 degrees and 85 degrees". | G ₃ |
| Coating thickness > 50 ≤ 100 [μm] | PN-EN 1062-1:2005 - "Paints and varnishes - Paint products and coating systems for outdoor use on masonry and concrete - Part 1: Classification". | E ₁ |
| Grain size | PN-EN ISO 1524:2002 - "Paints, varnishes and graphic inks -- Determination of the degree of spreading". | S ₁ |
| VOC content [g/l] | PN-EN ISO 11890-1:2008 - "Paints and varnishes. Determination of volatile organic compound (VOC) content. Part 1: Differential method" | 9,5 |
| Improved abrasion resistance (load of 1000 g/cycle count 1000) [%] | PN-EN ISO 5470-1:2017-02 - "Flat textile products coated with rubber or plastics -- Determination of abrasion resistance -- Part 1: Taber abrasion device". | ≥30 |
| PZH Attestation | Order of the Minister of Health dated March 26, 2019. (Journal of Laws 2019, item 595) | YES |

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Silicate paint ECO+

| Parameter | Test method | Parameter value |
|---|--|-----------------|
| Water vapor transmission- water vapor transmission coefficient V [g/m ² d] | PN-EN ISO 7783:2018-11 - "Paints and varnishes - Determination of water vapor transmission properties - Method using a cup". | V ₂ |
| Water absorption [m ² h ^{0.5}] | PN-EN 1062-3:2008 - "Paints and varnishes - Paint products and coating systems for outdoor use on masonry and concrete - Part 3: Determination of water permeability". | W ₃ |
| Gloss 85° ≤ 10 [Mat] | PN-EN ISO 2813:2014 - "Paints and varnishes - Determination of gloss values at 20 degrees, 60 degrees and 85 degrees". | G ₃ |
| Coating thickness > 50 ≤ 100 [µm] | PN-EN 1062-1:2005 - "Paints and varnishes - Paint products and coating systems for outdoor use on masonry and concrete - Part 1: Classification". | E ₃ |
| Grain size | PN-EN ISO 1524:2002 - "Paints, varnishes and graphic inks -- Determination of the degree of spreading". | S ₁ |

Silicate paint ECI+

| Parameter | Test method | Parameter value |
|---|---|-------------------------|
| Water vapor transmission- water vapor transmission coefficient V [g/m ² d] | PN-EN ISO 7783:2018-11 - "Paints and varnishes - Determination of water vapor transmission properties - Method using a pot". | V ₁ |
| Contrast ratio (opacity) | EN ISO 6504-3: 2020 - "Paints and varnishes -- Determination of opacity -- Part 3: Determination of opacity of paints for masonry, concrete and interior applications". | Class H ₁₀ 3 |
| Gloss 85° ≤ 10 [Mat] | PN-EN ISO 2813:2014 - "Paints and varnishes - Determination of gloss values at 20 degrees, 60 degrees and 85 degrees." | G ₄ |
| Grain size | PN-EN ISO 1524:2002 - "Paints, varnishes and graphic paints -- Determination of the degree of spreading" | S ₁ |
| VOC content [g/l] | PN-EN ISO 11890-1:2008 - "Paints and varnishes. Determination of volatile organic compounds (VOC) content. Part 1: Differential method" | 23,7 |

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