

## DECLARATION OF PERFORMANCE

Nro . EU 305/2011

Nanten Akryyli Primer 101  
Nanten Akryyli Primer 107  
Nanten Akryyli 20 N  
Nanten Akryyli 205  
Nanten Akryyli 203  
Nanten Akryyli 216  
Nanten Akryli Sealer 304  
Nanten Akryyli Sealer 319  
Nanten Akryylikovetin  
No. DOP: AC2015 (2)

1. Unique identification code of the product-type:

**EN 1504-2; ZA.1d, ZA.1f ja ZA.1g**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**Batch number, see packaging of the product**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical inspection, as foreseen by the manufacturer:

**EN 1504-2  
Surface protection products – Coating  
Protection against ingress (1.3)  
Physical resistance (5.1)  
Resistance to chemicals (6.1)**

4. Name, registered trade name of registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Nanten Oy  
Teollisuustie 6  
FI-04300 Tuusula  
FINLAND**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

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6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 2+ (for uses in buildings and civil engineering works)**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

**EN 1504-2, System 2+**

**The notified body KIWA, No. 1119, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued: Certificate of conformity of the factory production control No. 1119-CPD-1190**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued :

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9. Declared performance:

**EN 1504-2**

**Acrylic system** consisting of components:

<b>Primers</b>	<b>Nanten Akryyli Primer 101 ja Nanten Akryyli Primer 107</b>
<b>Masses</b>	<b>Nanten Akryyli 20 N, Nanten Akryyli 205, Nanten Akryyli 203 ja Nanten Akryyli 216</b>
<b>Topcoats</b>	<b>Nanten Akryyli Sealer 304 ja Nanten Akryyli Sealer 319</b>
<b>Catalyst</b>	<b>Nanten Akrylikovetin</b>

Essential characteristics	Performance	Harmonised Technical Specification
Abrasion resistance EN ISO 5470-1	< 3 000 mg	EN 1504-2: 2004
Permeability to carbon dioxide EN 1062-6	$s_d > 50 \text{ m}$	EN 1504-2: 2004
Capillary absorption and permeability to water EN 1062-3	$W < 0,1 \text{ kg/m}^2 \times \text{h}^{0,5}$	EN 1504-2: 2004
Impact resistance EN ISO 6272-1	Class I ( $\geq 4 \text{ N/m}$ )	EN 1504-2: 2004
Adhesion strength by pull-off test: EN 1542	$\geq 1,5 \text{ N/mm}^2$	EN 1504-2: 2004
Compressive Strength EN 12190	Class II ( $\geq 50 \text{ N/mm}^2$ )	
Permeability to water vapour EN ISO 7783-1/2	Class III (> 50 m, impermeable)	EN 1504-2: 2004
High chemical resistance EN 13529	Class II (28 d without pressure)	EN 1504-2: 2004
Fire Classification EN 13501-1	B <sub>FL</sub>	EN 1504-2: 2004

High chemical stress resistance (EN 13529) requirement: the hardness reduction in the lower 50%.

The product of strong chemical resistance:

- Group 9: aqueous solutions of organic acids of up to 20% (acetic acid, citric acid ...)
- Group 10: inorganic acids, aqueous solutions up to 20% (sulfuric acid, hydrochloric acid ...)
- Group 11: inorganic bases and their salts in aqueous solutions up to 20% (sodium hydroxide, potassium hydroxide ...)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration on performance is issued under the sole responsibility of the manufacturer in point 4.

Signed for and on behalf of manufacturer by:

Tuusula 2.3.2015

Kari Holopainen, Head of Research and Development