

DECLARATION OF PERFORMANCE

According to Regulation (EU) No 305/2011, Annex III, amendment (EU) No 574/2014

Nanten Acrylics

DoP No: AC2015 (3)

1. Unique identification code of the product type:

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

2. Intended use:

EN 1504-2: Surface protection products – coating.

Protection against ingress (1.3)

Physical resistance (5.1)

Resistance to chemicals (6.1)

3. Manufacturer:

**Nanten Oy
Teollisuustie 6
04300 Tuusula
Finland**

4. System of Assessment and Verification of Constancy of Performance (AVCP):

System 2+

5. Harmonised standard:

EN 1504-2:2004

Notified Body:

KIWA Polymer Institute (no 1119)

6. Declared performances:

For system consisting of components

Primers

Nanten Acrylic Primer 101, Nanten Acrylic Primer 107

Coatings

Nanten Acrylic 20 N, Nanten Acrylic 216

Topcoats

Nanten Acrylic Sealer 304, Nanten Acrylic Sealer 319

Hardener

Nanten Acrylic hardener /catalyst

Essential characteristics	Performance	Harmonised Technical Specification
Abrasion resistance (Taber test, EN ISO 5470-1)	< 3000 mg	EN 1504-2: 2004
Capillary absorption and permeability to water (EN 1062-3)	$w < 0,1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$	EN 1504-2: 2004
Impact resistance (EN ISO 6272-1)	Class I: $\geq 4 \text{ Nm}$	EN 1504-2: 2004
Adhesion strength by pull-off test (EN 1542)	$\geq 1,5 \text{ N/mm}^2$	EN 1504-2: 2004
Compression strength (EN 12190)	Class II ($\geq 50 \text{ N/mm}^2$)	EN 1504-2: 2004
Permeability to water vapour (EN ISO 7783-1/2)	Class III ($S_D > 50 \text{ m}$)	EN 1504-2: 2004
Permeability to CO ₂ (EN 1062-6)	$S_D > 50 \text{ m}$	EN 1504-2: 2004
Resistance to severe chemical attack (EN 13529)	Class II (28 d, without pressure) *	EN 1504-2: 2004
Reaction to fire (EN 13501-1)	E _n	EN 1504-2: 2004

*) Tested chemical groups: Group 9 (aqueous solutions of organic acids, up to 20%), Group 10 (aqueous solutions of inorganic acids, up to 20%), Group 11 (aqueous solutions of inorganic bases and their salts, up to 20%).

The performance of the product identified above is in conformity with the set of declared performances. The Declaration of Performance is issued, in accordance with Regulation (EU) N:o 305/2011 and 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Tuusula, Finland, 27.9.2021



Sami Rastas
CEO, Nanten Oy