

# DECLARATION OF PERFORMANCE

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

## Nanten Acrylics

DoP No: AC2015 (4)

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+, System 3 (Reaction to fire)**

5. Harmonised standard:

**EN 1504-2:2004**

Notified Body:

**KIWA Polymer Institute (no 1119-CPR-1190)**

6. Declared performances:

For system consisting of components

Primers

**Nanten Acrylic Primer 101, Nanten Acrylic Primer 107**

Coatings

**Nanten Acrylic 20 N and quartz filler**

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 III: $\geq 20 \text{ Nm}$	EN 1504-2: 2004
Adhesion strength by pull-off test (EN 1542)	$\geq 2 \text{ N/mm}^2$	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 <sub>2</sub> (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)	C <sub>fl</sub> – s1	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, 3.1.2022



**Sami Rastas**  
CEO, Nanten Oy