

# DECLARATION OF PERFORMANCE

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

**Nanten HM Bio Low VOC**

DoP No: HM Bio Low VOC 2021 (1)

1. Unique identification code of the product type:

**EN 1504-2; ZA.1f**

2. Intended use:

**EN 1504-2: Surface protection products – coating.  
Physical resistance (5.1)**

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:

**Eurofins Expert Services Oy (no 0809)**

6. Declared performances:

For system consisting of components

Primers **Nanten HM Bio Low VOC**

Coatings **Nanten HM Bio Low VOC**

Topcoats **Nanten HM Bio Low VOC**

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
Reaction to fire (EN 13501-1)	B <sub>fl</sub> - S1	EN 1504-2: 2004

***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, 21.12.2021



**Reijo Perälä**

Product Development Manager, Nanten Oy