

Declaration of Performance

Nr. UN 108-01.11.2022

- Unique identification code of the product-type: **VERTIKAALVUUGIBETOON NAKS VVB50**
- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Vertikaalvuugibetoon NAKS VVB50** See package (production date, production site is printed on package)
- Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **Vertikaalvuugibetoon NAKS VVB50. Product intended for structural bonding as cementitious mortar for jointing of concrete elements both vertically and horizontally according principle. In the winter period produced additive mixture for use at temperatures down to -10° C. The notice of product packaging.**
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):
AS Uninaks, Valuste tee 1, 90303 Lihula, Estonia
- Not applicable
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 4**
- In the case of a Declaration of Performance of a building product included in the harmonised standard:
Uninaks AS Lihula factory production control P6 on the basis of EVS-EN 1504-4:2004; testing of samples taken from factory pursuant to testing plan. Primary type-approval tests conducted in Department of Building Production of Tallinn University of Technology.
- Not applicable
- Declared performance

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	>50MPa	EVS-NE 1504-2017
Adhesion strength	> 1 N/mm ²	
Modulus of elasticity in compression	>20GPa	
Shear strength	NPD	
Unrestrained shrinkage/expansion	<0,1%	
Contents of chlorides	< 0,1 % Cl	
Thermal expansion	< 100x10 ⁻⁶ /K	
Workable time	30 min	
Sensitivity of water	NPD	
Reaction to fire	A1	EVS-EN 206:2014+A2:2021
Water absorption	≤ 0,5 kg/(m ² ·h0,5)	
Environmental classes	XC4, XD3, XS3, XF4, XA1	
Frost resistance	0,03 kg/m ² 56 cycles	
Dangerous substances	NO	

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

Signed for and behalf of the manufacturer by:
 Guido Piksar
 Chairman on the board
 01.11.2022

