

# DECLARATION OF PERFORMANCE

No 102

1. Unique identification code of the product-type:

*Steel fibres: group I, length 50 mm, diameter 1,0 mm,  
form – deformed (with hooked ends), tensile strength – 1550 N/mm<sup>2</sup>*

2. Intended use:

*Steel fiber for structural use in concrete and mortar*

3. Placed on the market under the name of

*Private Joint Stock Company «STALKANAT», 16, Vodoprovodnaya Str. Odessa, 65007, Ukraine*

Produced in the manufacturing plant

*Private Joint Stock Company «STALKANAT», 52A Izvestkovaya Str. Odessa, 65006, Ukraine*

4. Authorised representative: -

5. System of AVCP: *1*

6. Harmonised standard: *EN 14889-1:2006*

Notified body: *No 1397, VI Statybos produkcijos sertifikavimo centras*

*Product certification body VI Statybos produkcijos sertifikavimo centras (SPSC) performed the assessment of the product type on the basis of type testing, the initial inspection of the manufacturing plant and of factory production control, the continuous surveillance, assessment and evaluation of factory production control and the audit testing of samples taken before placing the product on the market under system 1 and issued the certificate of constancy of performance 1397-CPR-0459, 2023-12-29*

7. Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Tensile strength, MPa	1550	EN 14889-1:2006
Length of fibre, mm	50	
Diameter, mm	1,0	
Aspect ratio – length/diameter	50	
Modulus of elasticity, MPa	200 000	
Effect on strength of concrete to obtain 1,5 N/mm <sup>2</sup> at CMOD=0,5 mm and 1,0 N/mm <sup>2</sup> at CMOD=3,5 mm	19 kg/m <sup>3</sup> of fibres	
Consistence with 19 kg/m <sup>3</sup> of fibres	Vebe time 5 s	
Release of dangerous substances	NPD	

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Lukyanenko GP, Head of division of technical control

Odessa, Ukraine, 2023-12-29

