DECLARATION OF PERFORMANCE
No 113

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/mm²

Steel fibres: group I, length 60 mm, diameter 1,0 mm,
form – deformed (with hooked ends), tensile strength – 1550 N/mm²

Steel fibres: group I, length 50 mm, diameter 1,0 mm,
shape – deformed (with flattened ends) without coating,
tensile strength – 1150 N/mm²

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: *UKCA Certificate of Constancy of Performance*

Product certification body UKCA Certificate of Constancy of Performance 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 No. 0086 CPR 766627, 2022-11-17

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/mm² at CMOD=0,5 mm and 1,0 N/mm² at CMOD=3,5 mm	**35 kg/m³ of fibres**	
Consistence with 19 kg/m³ of fibres	**Vebe time 8 s**	
Release of dangerous substances	**NPD**	

Essential characteristics	Performance	Harmonised technical specification
Tensile strength, MPa	**1550**	**EN 14889-1:2006**
Length of fibre, mm	**60**	
Diameter, mm	**1,0**	
Aspect ratio – length/diameter	**60**	
Modulus of elasticity, MPa	**200 000**	
Effect on strength of concrete to obtain 1,5 N/mm^2 at CMOD=0,5 mm and 1,0 N/mm^2 at CMOD=3,5 mm	**35 kg/m^3 of fibres**	
Consistence with 19 kg/m^3 of fibres	**Vebe time 9 s**	
Release of dangerous substances	**NPD**	

Essential characteristics	Performance	Harmonised technical specification
Tensile strength, MPa	**1150**	**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^2 at CMOD=0,5 mm and 1,0 N/mm^2 at CMOD=3,5 mm	**35 kg/m^3 of fibres**	
Consistence with 35 kg/m^3 of fibres	**Vebe time 6 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 *(signature)*

Odessa, Ukraine, 2022-11-17