

## DECLARATION OF PERFORMANCE

No 104

1. Unique identification code of the product-type:  
*Steel fibres: group I, length 50 mm, diameter 0,75 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. Manufacturer:  
*Private Joint Stock Company "Production Association "STALKANAT-SILUR",  
16, Vodoprovodnaya str. Odessa, Ukraine, 65007*
4. Authorised representative: —
5. System of AVCP: *1*
6. Harmonised standard: *EN 14889-1:2006*  
Notified body: *No 1397, VI Statybos produkcijos sertifikavimo centras*
7. Declared performances:

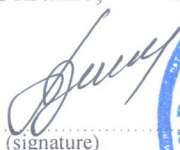
| Essential characteristics  | Performance                    | Harmonised technical specification |
|--|--------------------------------|------------------------------------|
| Tensile strength, MPa  | 1550                           | EN 14889-1:2006                    |
| Length of fibre, mm  | 50                             |                                    |
| Diameter, mm   | 0,75                           |                                    |
| Aspect ratio - length/diameter   | 66,66                          |                                    |
| Modulus of elasticity, MPa   | 200 000                        |                                    |
| Effect on strength of concrete to obtain<br>1,5 N/mm <sup>2</sup> at CMOD=0,5 mm and<br>1,0 N/mm <sup>2</sup> at CMOD=3,5 mm | 30 kg/m <sup>3</sup> of fibres |                                    |
| Consistence with 30 kg/m <sup>3</sup> of fibres  | Vebe time 8 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:

Zaika P.I.

Odessa, Ukraine, 22 September 2014

  
(signature)

