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**Carbon fiber FibArm Tape-530/150**  
**Carbon fiber FibArm Tape-530/300**  
**Carbon fiber FibArm Tape-530/600**

**Structural Reinforcement System on the base of carbon fiber tapes**

<p><b>Type</b></p>	<p>Unidirectional Carbon fiber Tape for Structural Reinforcement System</p> 
<p><b>Application</b></p>	<ul style="list-style-type: none"> <li>• Structural strengthening, restoration, reconstruction, repair, seismic retrofitting of reinforced concrete / concrete, masonry, metal (steel), wood constructions</li> <li>• Increasing the load capacity of reinforced concrete / concrete, masonry, metallic and wooden structures (including complex geometric shapes, as well as in confined spaces) without increasing their weight;</li> <li>• Increased seismic resistance</li> </ul>
<p><b>Features</b></p>	<ul style="list-style-type: none"> <li>• Wide range of application</li> <li>• Universality of application, including corner joints, as well as on curved surfaces</li> <li>• Lightweight, system does not create an additional load on construction</li> <li>• Corrosion resistance</li> <li>• Minimum labor and time spent on work</li> <li>• Ability to perform repairs without interrupting the operation of buildings or structures</li> <li>• No additional costs for further operation</li> </ul>
<p><b>Documents</b></p>	<p>1916-018-61664530-2013</p>

<b>Technical details</b>	<b>Fiber type</b>	High strength CF		
	<b>Width, mm</b>	150	300	600
	<b>Fiber Direction</b>	0°		
	<b>Weaving style</b>	plain		
	<b>Areal weight , g/m<sup>2</sup></b>	530 ± 10%		
	<b>Warp</b>	12K/24K Carbon		
	<b>Weft</b>	Glass fiber (thermo fixed)		
	<b>Thickness, mm</b>	0,294		
	<b>Ends warp, 10 cm.</b>	64 ± 1 (12K) / 32 ± 1 (24K)		
	<b>Ends weft, 10 cm</b>	10 ± 1		
	<b>Tensile strength (fiber), Gpa</b>	≥ 4,9		
	<b>E-modulus (fiber), Gpa</b>	≥ 245		
	<b>Elongation at break, %</b>	≥1,8		
	<b>Roll length,m</b>	50		
	<b>Package</b>	1 roll in cardboard		
	<b>Best before</b>	No limited		