




JSC «Prepreg-ACM»
 42, bld.5, Volgogradsky prosp.
 Moscow, Russia, 109316
 T: +7 495 787 8828
 F: +7 495 783 7331
 E: info@hccomposite.com
 www.hccomposite.com

Carbon fiber FibArm Tape-230/150
Carbon fiber FibArm Tape-230/300
Carbon fiber FibArm Tape-230/600

Structural Reinforcement System on the base of carbon fiber tapes

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

Technical details	Fiber type	High strength CF		
	Width, mm	150	300	600
	Fiber Direction	0°		
	Weaving style	plain		
	Areal weight , g/m²	230 ± 10%		
	Warp	12K/24K Carbon		
	Weft	Glass fiber (thermo fixed)		
	Thickness, mm	0,128		
	Ends warp, 10 cm.	28 ± 1 (12K) / 14± 1 (24K)		
	Ends weft, 10 cm	10 ± 1		
	Tensile strength (fiber), Gpa	≥ 4,9		
	E-modulus (fiber), Gpa	≥ 245		
	Elongation at break, %	≥1,8		
	Roll length,m	50		
	Package	1 roll in cardboard		
	Best before	No limited		