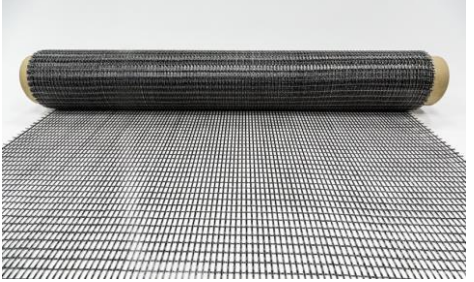




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- Carbon fiber FibArm Grid 150/1200**
- Carbon fiber FibArm Grid 260/1200**
- Carbon fiber FibArm Grid 600/1000**
- Carbon fiber FibArm Grid HS 600/1000**

Structural Reinforcement System on the base of carbon fiber grids

<p>Type</p>	<p>Carbon fiber Grid for Structural Reinforcement System FibArm</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 • Non flammable
<p>Documents</p>	<p>1916-020-61664530-2013</p>

Technical details	Name	FibArm Grid 150/1200	FibArm Grid 260/1200	FibArm Grid 600/1000	FibArm Grid HS 600/1000
	Fiber type	High strength CF			
	Cell size, mm	10 x 20			
	Fiber Direction	0° / 90°			
	Areal weight , g/m ²	150±10%	260±10%	600±10%	600±10%
	Width, mm	1200	1200	1000	1000
	Warp	12K	24K	50K	50K
	Weft	12K	24K	48K	48K
	Tensile strength(warp),MPa*	2600	2600	1900	2300
	Tensile strength (weft),MPa*	2100	2100	2900	2300
	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				

* Prepreg-ACM test method

** Tensile strength (fiber) for the warp of FibArm Grid 600/1000 -4,3 GPa