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Carbon fiber laminates

- FibArm Lamel HS 12/50**
- FibArm Lamel HS 14/50**
- FibArm Lamel HS 12/100**
- FibArm Lamel HS 14/100**

Structural Reinforcement System on the base of carbon fiber laminates

<p>Type</p>	<p>High strength carbon fiber laminates 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 • Structural strengthening of bridges
<p>Features</p>	<ul style="list-style-type: none"> • High mechanical characteristics • Wide range of application • Lightweight, system does not create an additional load on construction • Corrosion resistance • Minimum labor and time spent on work • Low transportation cost • Ability to perform repairs without interrupting the operation of buildings or structures • No additional costs for further operation
<p>Documents</p>	<p>TY 2256-063-61664530-2015</p>

Technical details	Fiber type	High strength CF			
	Resin	Epoxy			
	Fiber content, %	> 65			
	Fiber Direction	0°			
	FibArm Lamel HS	12/50	14/50	12/100	14/100
	Width, mm	50	50	100	100
	Thickness, mm	1,2	1,4	1,2	1,4
	Cross section, mm²	60	70	120	140
	Tensile strength, MPa	≥ 3500			
	E-modulus, GPa	≥ 170			
	Roll length,m	100 (or upon request)			
	Package	1 roll in cardboard			
	Best before	No limited			