



Durox®Carbosheet 162

Carbon sheet structural reinforcement systems

Durox®Carbosheet 162 is a structural reinforcement system on base of carbon fiber slats

Application

- **Structural strengthening**
- **Increasing the load capacity**
- **Increased seismic resistance**
- **Structural strengthening of bridges**

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.

High mechanical characteristics, wide range of application, lightweight, system does not create an additional load on construction, corrosion resistance, minimum labour 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.

Type	Thickness	Width	Elasticity under tensile load (CFRP) Gpa	Tensile strength (CFRP) Gpa
12/50	1,2 mm	50 mm	170	3,5
12/100	1,2 mm	100 mm	170	3,5
14/50	1,4 mm	50 mm	170	3,5
14/100	1,4 mm	100 mm	170	3,5
14/120	1,4 mm	120 mm	170	3,5



Fiber Type	High strength Carbon Fiber
Binder Type	2 comp. Epoxy
Roll length	100 m
Shelf life in closed packaging, dry at room temperature of +5°C - 25°C	1 year
Packaging dimension	Cardboard box 1.340 * 1.340 * 120 mm
Gross weight type 14/100	28,60 kg other types come with different weight
Number of boxes / palette	10
Meter per palette	1.000 m
Palette size	Euro Palette 800*1200*145 mm

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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ARCAN Waterproof

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passion to invent 