



Durox® Carbogrid 160

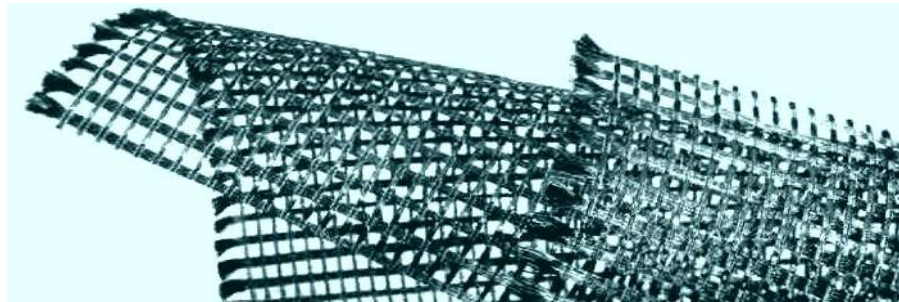
Carbonfibre reinforcement for construction parts

Durox® Carbogrid 160 is a grid mesh made of pure carbon fibres. The product is excellent for the static reinforcement and repair of construction parts and constructions made of concrete and masonry. Even suitable for the production of light and delicate structures.

Durox® Carbogrid 160 meshes are available with different surface weights and mesh sizes. In combination with coatings such as Silipox® Baukleber 824 or Cembond® EPW 863 or high performance mortars made of cement and Cembond® 956 they deliver a compound material with enormous strength.

Properties

- **Toughen up the static**
- **Strengthen the reinforcement**
- **Repair of cracked surfaces**
- **Shock and vibration absorption**
- **Earth quake protection**



Application

The application is easier compared with classic laminates made of fibre mats or meshes, because the mesh structure enables the easy embedding together with Cembond® EPW 863 or Silipox® Baukleber 824.

Even surfaces with rough undergrounds, structured surfaces or masonry are easy to handle when used with Cembond® EPW 863 or Silipox® Baukleber 824.

Durox®Carbogrid	Type	CarboGrid 160-17	Carbogrid 160-30	Carbogrid 160-40
Roll		2,5 x 25 m	2,5 x 25 m	2,5 x 25 m
Plate		1,5 x 2 m	1,25 x 2 m	1,25 x 2 m
Density g/cm ³		1,77	1,77	1,81
Weight uncoated g/m ²		153	219	130
Weight coated g/m ² Coating SBR		171	245	146
Mesh size mm		39/39	27/27	23/23
Numbers of threads per m		23	33	39
Thread distance (mm)		42,3	29,6	25,4
Material		Carbon 48 K	Carbon 48 K	Carbon 24 K
Strength, coated N/mm ²		1700	1700	1700
Minimum amount		250 m ²	250m ²	

Properties of reinforcement materials	N/mm ²
Building steel	500
Glas fibre (GFK)	790
Durox®Carbogrid	1700

**Construction reinforcement with
Durox®Carbogrid 160
Easy installation - high strength**



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.

ATI-CarboGrid 160
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