



SikaWrap®-230 C

Woven unidirectional carbon fibre fabric, designed for structural strengthening applications as part of the Sika® strengthening system.

SikaWrap®-230 C is a unidirectional woven carbon fibre fabric with mid-range strength, designed for installation using the dry or wet application process.

- ✓ Manufactured with heat-set weft fibres to keep the fabric stable
- ✓ Multifunctional fabric for use in many different strengthening applications
- ✓ Flexible and accommodating to different surface planes and geometry (beams, columns, chimneys, piles, walls, soffits, silos etc.)



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PRODUCT DATA SHEET ([HTTPS://PAK.SIKA.COM/DMS/GETDOCUMENT.GET/DC969CDA-CC63-45C4-86BF-24C6D2263905/SIKAWRAP-230-C.PDF](https://pak.sika.com/dms/getdocument.get/dc969cda-cc63-45c4-86bf-24c6d2263905/sikawrap-230-c.pdf))

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Usage

Structural strengthening of reinforced concrete, masonry, brickwork and timber elements or structures, to increase flexural and shear loading capacity for:

- Improved seismic performance of masonry walls
- Replacing missing steel reinforcement
- Increasing the strength and ductility of columns
- Increasing the loading capacity of structural elements
- Enabling changes in use / alterations and refurbishment
- Correcting structural design and / or construction defects
- Increasing resistance to seismic movement
- Improving service life and durability
- Structural upgrading to comply with current standards

Packaging

Fabric length per roll	Fabric width
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Advantages

- Manufactured with heat-set weft fibres to keep the fabric stable
- Multifunctional fabric for use in many different strengthening applications
- Flexible and accommodating to different surface planes and geometry (beams, columns, chimneys, piles, walls, soffits, silos etc.)
- Available in different widths for optimum utilisation
- Low density for minimum additional weight
- Extremely cost effective in comparison to traditional strengthening techniques

Colour

Mid strength carbon fibers

4 rolls in ≥ 50 m 300
a mm
cardboard
box

2 rolls in ≥ 50 m 600
a mm
cardboard
box

Product Details

Sustainability / Certifications / Approvals —

APPROVALS / STANDARDS

- Poland: Technical Approval ITB AT-15-5604/2011: Zestaw wyrobów Sika CarboDur do wzmacniania i napraw konstrukcji betonowych
- Poland: Technical Approval IBDiM Nr AT/2008-03-0336/1 „Płaskowniki. pręty, kształtki i maty kompozytowe do wzmacniania betonu o nazwie handlowej: Zestaw materiałów Sika CarboDur® do wzmacniania konstrukcji obiektów mostowych
- France: Avis Technique N° 3/16-875 (annule et remplace N° 3/10-669) Sika® CarboDur®, SikaWrap®

Product Information +

System information +

Technical Information +

Application

Consumption

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Consumption

Dry application with Sikadur®-330

First layer including priming layer	0.8-1.2 kg/m ²
Following layers	0.7 kg/m ²

Wet application with Sikadur®-300, primer Sikadur®-330

Primer layer	0.4-0.6 kg/m ²
Fabric layers	0.6 kg/m ²

Please also refer to the relevant Method Statement for further information.

Application steps

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Documents

 [SikaWrap®-230](#) PDS  (<https://pak.sika.com/dms/getdocument.get/dc969cda-cc63-45c4-86bf-24c6d2263905/sikawrap-230-c.pdf>) 

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