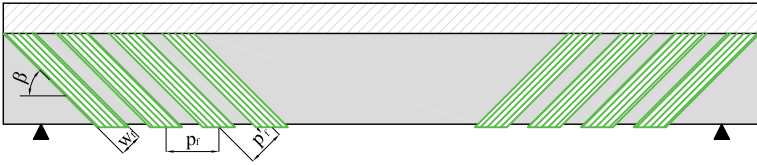
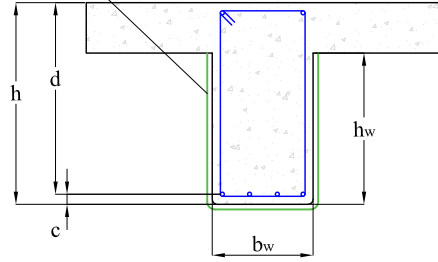


# TIPOLOGICI RINFORZO A TAGLIO TRAVI - CFRP CARBOSTRU®

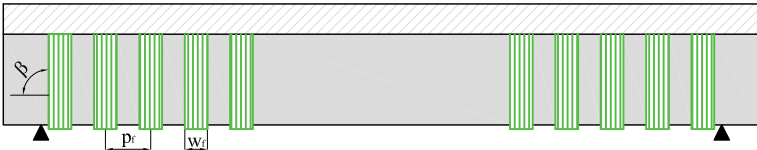
U-JACKETING - 45°



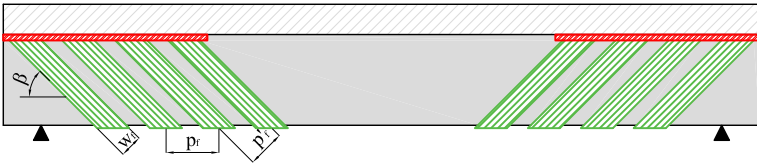
CFRP CARBOSTRU® UD HM\_HR400  
( $w_f = 10 - 15$  cm); spessore = 0.22mm



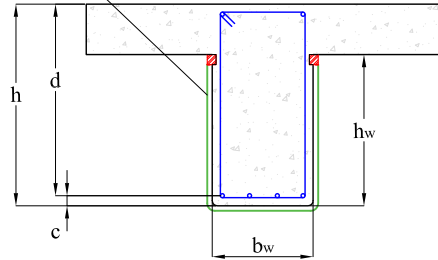
U-JACKETING - 90°



U-JACKETING - 45° An



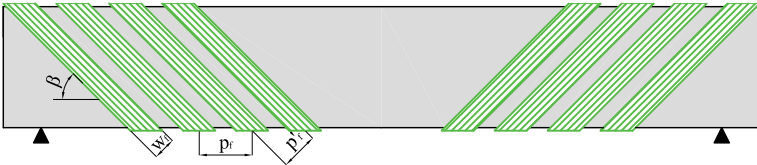
CFRP CARBOSTRU® UD HM\_HR400  
( $w_f = 10 - 15$  cm); spessore = 0.22mm



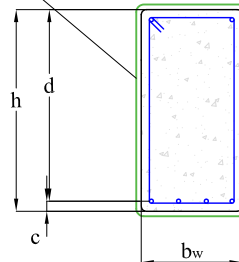
U-JACKETING - 90° An



COMPLETE WRAPPING - 45°



CFRP CARBOSTRU® UD HM\_HR400  
( $w_f = 10 - 15$  cm); spessore = 0.22mm



COMPLETE WRAPPING - 90°



## SCHEDA TECNICA COMPOSITI CL. 350/2800 CFRP CARBOSTRU® UD HM\_HR400

Proprietà meccaniche del composito riferite all'area netta delle fibre (metodo di prova UNI EN 2561):

Resistenza a trazione	$f_{fib}$	2.800 MPa
Modulo Elastico	$E_{fib}$	350 GPa
Allungamento a rottura	$\epsilon_{fib}$	0,8 %
Sezione eq. per ogni strato <b>UD HM_HR 400/10</b>	$A_{fib}$	22 mm <sup>2</sup>
Sezione eq. per ogni strato <b>UD HM_HR 400/15</b>	$A_{fib}$	33 mm <sup>2</sup>
Frazione in peso delle fibre nel composito	$F_v$	40 %
Temperature limite di servizio min.- max. <sup>1</sup>	$T_{lim}$	-20°C +45°C // +65 °C <sup>2</sup>
Temperatura limite di esposizione min.- max. <sup>3</sup>	$T_{esp}$	-20°C +65°C // +85 °C <sup>2</sup>
Temperatura di produzione in situ min.- max.		+15°C ---- 35 °C
Classe Reazione al Fuoco	CL	E
Classe Resistenza al Fuoco		NPD