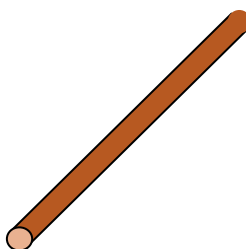



## Arapree®



Arapree®, aramid fiber products are used as structural reinforcement within the rehabilitation of deteriorated buildings or existing structures or in case of need to increase the ultimate or service loads.

	PRODUCT	DURGLASS®	GLASSPREE®	CARBOPREE®	ARAPREE®	STEEL EN 15630
Specification	Application	Temporay	Permanent	Permanent	Permanent	Temporary/Permanent
Minimum Diameter Bar	[mm]	1	1	3	<b>5,5</b>	
Maximum Diameter Bar	[mm]	40	40	14	<b>12,5</b>	
Flat Bar		YES	YES	YES	<b>YES</b>	
Y Shape		YES	YES	YES	<b>YES</b>	
Self-Drilling		YES	YES	-	-	
Hollow bar-Pipes		YES	YES	-	-	
Tensile Strength	[MPa]	800-1000	800-1000	2300-3000	<b>1400</b>	550
Strain-Ultimate Limit	[mm]	2,0-2,5	2,0-2,5	1,4-2,2	<b>2,3</b>	7
E-Modulus	[GPa]	40	40	135-200	<b>60</b>	200
Density	[g/cm³]	1,9	1,9	1,6	<b>1,3</b>	7,85
Thermal Conductivity	[W/mK]	0,3	0,3	YES	<b>YES</b>	60
Electrical Conductivity		-	-	YES	-	YES
Magnetic Conductivity		-	-	YES	-	YES
		-	-	YES	-	YES

ARAPREE®	BARS		
	Codice SIREG SIREG Code Code SIREG Código SIREG Код SIREG	[mm] Diametro Diameter Diamètre Diámetro диаметр	[kN] Resistenza alla trazione Tensile strength Résistance a la sraction Resistencia alla tracción Прочность на растяжение
	ARAPREE HM-5,5	5,5	32
	ARAPREE HM-7,5	7,5	65
	ARAPREE HM-8,5	8,5	80
	ARAPREE HM-10	10	110
	ARAPREE HM-12	12	150

ARAPREE®	FLAT BARS				
	Codice SIREG SIREG Code Code SIREG Código SIREG Код SIREG	A=[mm] Larghezza Width Largeur Ancho ширина	B=[mm] Spessore Thickness Épaisseur Espesor толщина	[kN] Resistenza alla trazione Tensile strength Résistance a la sraction Resistencia alla tracción Прочность на растяжение	up to [m] Lunghezza rotolo standard Standard roll length Longueur standard du rouleau Longitud del rollo estándar Длина стандартного рулона
	ARAPREE-14X4	14	4	78	100
	ARAPREE-15X4	15	4	85	100
	ARAPREE-20X5	20	5	140	100
	ARAPREE-30X4	30	4	170	100
	ARAPREE-65X2	65	2	180	100
	ARAPREE-40X7	40	7	390	100