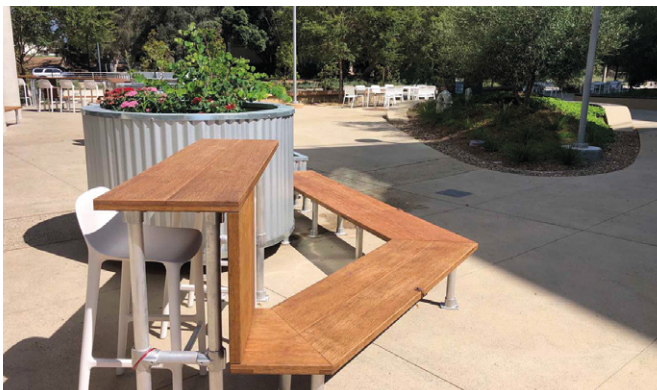


PLANT POWER | San Diego, CA, USA

PROJECT PROFILE



PLANT POWER

OUTSIDE BAMBOO SOFFIT

designer: Alex Miller with Ama-Arch
builder: Paul Dansforth with Freedom Design
dealer: Ganahl Lumber Anaheim
location: San Diego, CA
category: commercial
product: dassoXTR Fused Bamboo
Cognac 1x8 Lumber
quantity: 300 sq/ft date: 6/1/2021





dassoXTR[®]

FUSED BAMBOO[®] MILLWORK LUMBER

The dasso Group, based in Hangzhou, China, has been the world's leader in innovative bamboo products for more than two decades. With 10 manufacturing facilities, over 1,000 employees, a Design and Research Center, and over 40 patents to date, dasso's mission is in to advance the innovative use of bamboo throughout the world.

AVAILABLE IN 2 COLORS

ESPRESSO **COGNAC**

PATENTED: CHINA, RUSSIA, AUSTRALIA, USA, EU, MALAYSIA, SINGAPORE

COMMERCIAL & RESIDENTIAL MILLWORK LUMBER

- XTR-LUM08-100F-PP** Classic Espresso 5/16" x 4" x 6.1'
- XTR-LUM20-137F-PP** Classic Espresso 1 x 6.1'
- XTR-LUM30-65F-PP** Classic Espresso 1-3/16" x 2-9/16" x 6.1'
- XTR-LUM30-100F-PP** Classic Espresso 1-3/16" x 3-15/16" x 6.1'
- XTR-LUM40-152** Classic Espresso 2" x 6" x 6.1'
- EPC-LUM20-137F-PP** Epic Cognac 1 x 6.1'
- EPC-LUM30-65F-PP** Epic Cognac 1-3/16" x 2-9/16" x 6.1'
- EPC-LUM30-100F-PP** Epic Cognac 1-3/16" x 3-15/16" x 6.1'
- EPC-LUM40-152F-PP** Epic Cognac 2" x 6" x 6.1'

TECHNICAL HIGHLIGHTS

- » Stronger and durable than most tropical hardwood
- » Made to fire resistance Class A Fire Rated standard
- » No toxic ACQ or CCA use as wood preservative

DESIGN FEATURES

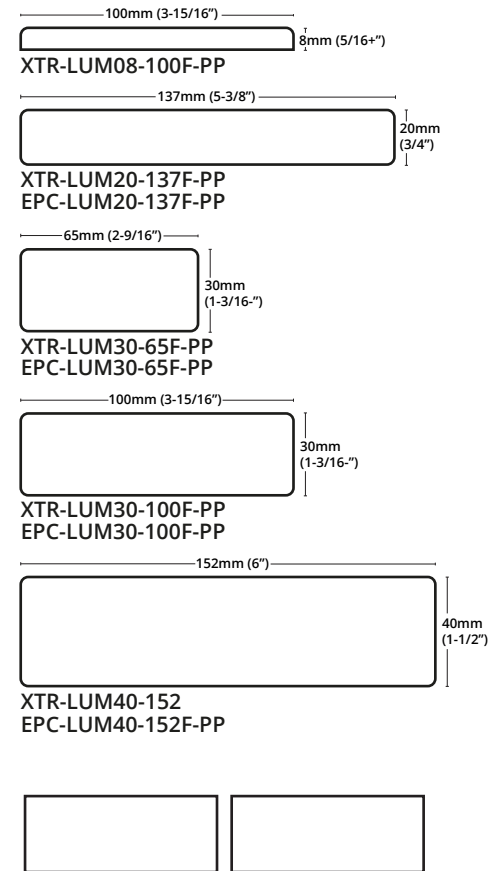
- » Pre-primed and milled in ready to use format
- » Scratches and dents can be sanded and re-oil easily
- » Looks like wood and feel like wood, even cut like wood

INSTALLATION BENEFITS

- » Easy to work with common woodworking tools and techniques
- » Can be stained to different colors
- » Easy to carry and move around

dassoXTR vs Other Decking Materials

Property	Unit	dassoXTR	dassoXTR	Ipe Brazilian	Meranti Batu	Western	WPC Solid	WPC Hollow
		Classic Espresso	Epic Cognac	Walnut		Red Cedar		
Density	lb/ft ³	69	75	66	53	23	60	>60
	kg/m ³	1,110	1,200	1,060	850	370	961	N/A
Strength (MOR)	psi	11,922	17,730	19,173	17,259	7,498	3,280	6,672
	Mpa	82	122	132	119	52	23	46
Stiffness (MOE)	1,000 psi	2,101	2,013	3,200	245	1,100	412	339
	Mpa	14,490	13,880	22,070	16,950	7,584	2,841	2,340
Shear Stress (parallel. max)	psi	3,350	5,424	2,060	1,650	140	360	N/A
	Mpa	23.10	37.40	14.20	11.38	0.97	2	N/A
Janka Hardness	lbf	3,820	2,970	3,510	1,600	700	Nil	Nil
	Newton	16,992	17,659	15,620	7,117	3,110	Nil	Nil
Shrinkage	longitude %	0.02	0.06	0.16	0.17	0.20	-1.0	-1.2
	width %	0.40	1.20	5.90	5.50	2.40	-3.0	-3.3
	thickness %	1.90	3.70	7.20	10.10	5.00	Nil	Nil



FLUSHED END

All of our millwork lumber is flush-ended extra for trim-off during installation. Learn more at dassoXTR.com.

PATENTED TECHNOLOGY

dasso.XTR products are manufactured using a patented process to ensure lasting outdoor beauty and enjoyment. Periodic recoating with WOCA Oil is recommended to maintain its rich color. Please follow our maintenance instructions. Visit dassoXTR.com for copies of our installation and maintenance instructions and warranties.