

WHY STRAW?



Straw is leftover waste when crops like wheat, sugarcane, coconut, etc are harvested.

India is largest producer of Straw globally 40% of which is burnt annually.

STRAW IS A PROVEN BUILDING MATERIAL FOR CENTURIES



Straw naturally has 5x more insulation value than brick and mortar walls.



Straw has high silica content which helps it achieving a higher fire rating of 2 Hr+



Unlike cement, wood, concrete straw is regenerative, abundant and annually renewable

OUR PRODUCT

Our AgriBioPanel™ are made out of highly compressed straw and are extremely strong, durable, and resilient.

With cutting-edge research in agri-fiber compression and a state-of-the-art manufacturing setup, we offer the best eco-friendly and sustainable product for all your construction and furniture requirements.

Partners & Supporters



Testing & Certifications



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www.strawcture.com



STRAWCTURE ECO

EMPOWERING SUSTAINABLE CONSTRUCTION

AgriBioPanels™

Waste is only a waste, if you waste it.



Finishes

Reimagine Sustainable Living



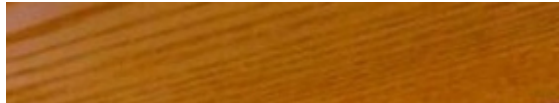
Laminate



Veneer



Paint



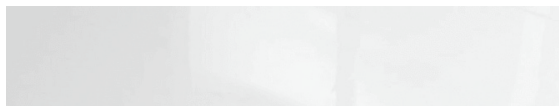
PU Polish/ Lacuer



Tiles



Marble Finish (On Laminate)



Glossy Finish

Applications Matrix

APPLICATION	THICKNESS (mm)					
	9	12	18	25	30	35
False Ceiling	Y	Y				
Acoustic Ceiling	Y	Y				
Wall Partition		Y	Y			
1 Hr Fire Partition		Y	Y			
2 Hr Fire Partition		Y	Y			
Acoustic Partition	Y	Y				
Doors				Y	Y	Y
Fire Proof Door				Y	Y	Y
Mezzanine Flooring			Y	Y	Y	Y
Furniture		Y	Y	Y		
Kitchen Cabinets	Y	Y	Y	Y		
Storage Shelves		Y	Y			

Technical Features

Characteristics	Unit	Testing Values
Density	kg/m ³	700-900kg/3
Size	Feet	13'x6', 10'x6'
Screw Holding Strength	N	1200-1300
Thermal Conductivity	W/m-K	0.0292
Acoustic	NRC	0.7-0.9
Fire Rating	Mins	45- 120 Mins
Water Absorption	In 24 Hours	36%
Breaking Load	Mpa	17.82