

ACRE Sheet is a Superior and Eco-Friendly Wood Replacement Building Material

ACRE™ sheet is a building material easier to machine than wood, 100% recyclable, upcycled from rice hulls, made in the USA, and UV, fire, and pest resistant.

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EINPresswire.com/ -- Wood is an attractive building material due to its durability and beauty, but it can be marred by rot, fading, water damage, and pests. These drawbacks limit the applications where wood can be used. Interstate Plastics now offers ACRE™ sheet as a superior alternative to wood in construction applications. An eco-conscious material, ACRE™ performs as well as wood as a building material, but without its weaknesses.

ACRE™ sheets are completely sustainable and are created from a rapidly renewable resource: discarded natural rice husk fibers. The process used to make ACRE™ is both zero-waste and free of any tree-related materials. Unlike composites or plastics that mimic wood's appearance, ACRE™ does not contain phenol, formaldehyde, or adhesives. It can also be recycled.

Due to its rice husk fiber base, ACRE™ is 100% waterproof and will never rot. It has excellent weatherability — unlike wood, it resists pests like termites as well as fungal growth and will not crack, warp, or splinter after prolonged exposure to water. ACRE™ sheets are more durable than wood and have a high UV resistance. ACRE™ meets the requirements for UL94 V-0 and is thermoformable into a variety of shapes that wood and some composite substitutes may not be able to match. This material can be used with a wide assortment of glues and accepts screws and nails with a flush finish. ACRE™ may be cut or machined using standard woodworking tools and patched or filled with materials that work with wood.



ACRE sheets are a groundbreaking eco-friendly alternative to wood & composite building materials.



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Christopher Isar

The applications for ACRE™ are far-reaching. It shares many of the same applications as both wood and composite materials, including side paneling, trims, decks or patios, fencing, cabinetry, furniture, and flooring, and can be thermoformed and shaped into curved components. It may be used when single or multiple pieces of curved material are necessary, for example, arches, art pieces, or facades. ACRE™ finishes like natural wood and accepts many finishing options, such as stains,

oils, glazes, paint, and coatings. It may even be digitally printed. The list of possible use cases for ACRE™ is nearly limitless.

For additional information on ACRE™ sheet or to learn more about [building materials](#) and potential replacements for wood, call an Interstate Plastics representative at (916) 679-5146.

Interstate Plastics is a full-line distributor of plastic sheet, rod, tube, bar, film, profile, and plastic accessories, tools, and care products. With 10 locations nationwide and an online sales and support team, Interstate Plastics provides full sheets and pallets, simple cut-to-size service, and complex CNC manufacturing. Interstate Plastics is known for its reputation of selling high-quality products, providing excellent customer service, and superior technical support. Our products and services are available using the safe, secure, and convenient purchasing system on the Interstate Plastics website. For instant help, we're always a phone call away at (916) 679-5146.

Stephen Sowinski
Interstate Plastics
+1 916-679-5146

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