



Properties of AAC-4 Material	Data	Unit / Formula
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Panel Size	24"x48"	8 sqft
Panel Thickness (nominal)	1.969	inches
Panel Weight	49	lbs
Minimum Compressive Strength	580	lbs/in ²
Design Density	37	lbs/ft ³
Shipping Density	42	lbs/ft ³
Dry Density	31	lbs/ft ³
Modulus of Elasticity	295,000	lb/in ²
Dry Shrinkage	0.0024	in/ft
Thermal Expansion Coefficient	4.5 x 10 ⁻⁶	1/°F
Thermal Conductivity	0.80	k value for material
Thermal Resistance	1.25	(R) per inch
Static R-Value (2" Panel)	2.5	Thickness/k
Equivalent R-Value in Full System (2" Panel)	3.4	With Weather Barrier

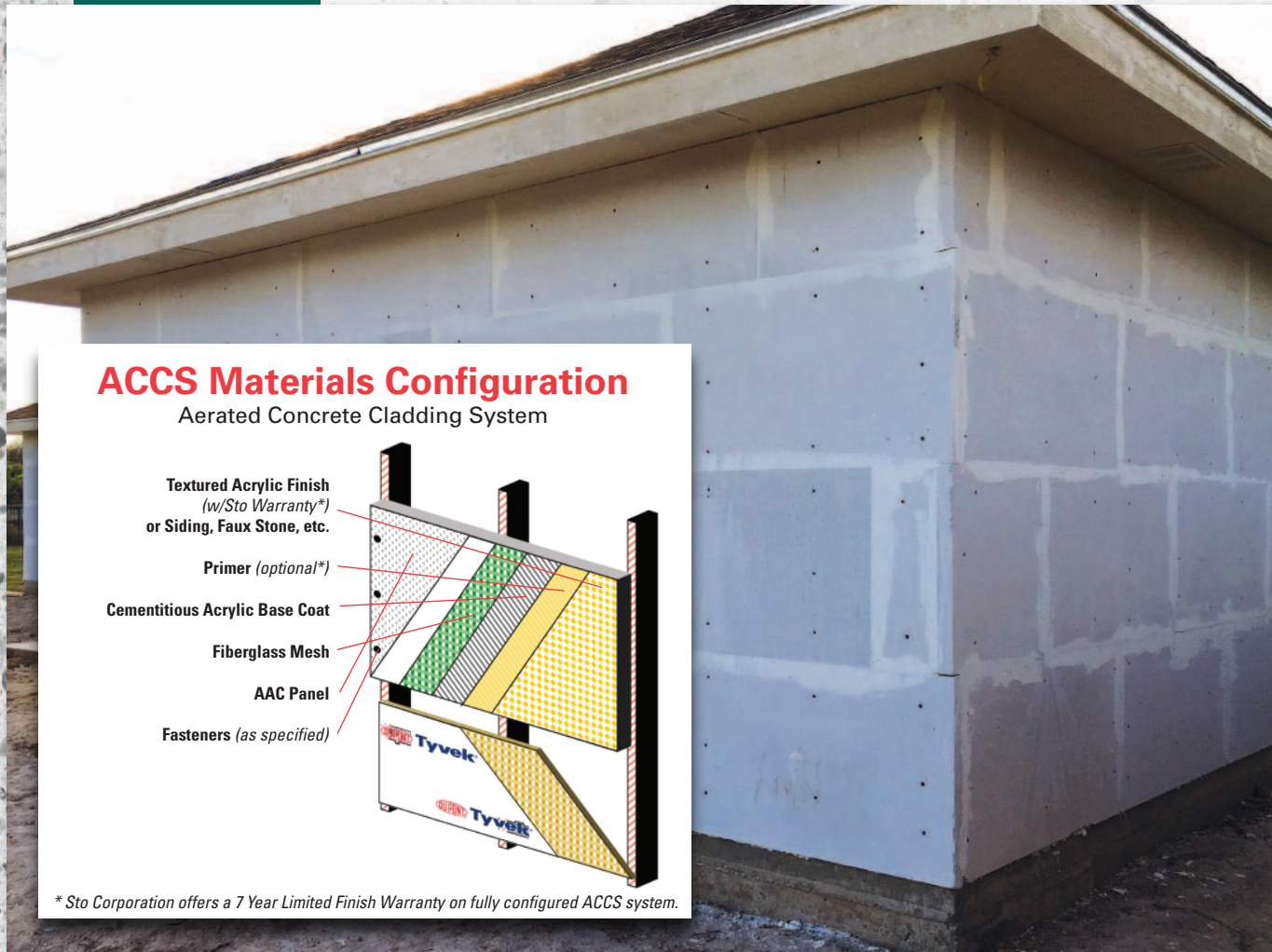


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Visit our website aac.build



BUILDING THE FUTURE
ONE PANEL AT A TIME

*Residential & Lightweight
Commercial Applications*



Aerated Concrete Cladding System (ACCS) is a next generation Wall Cladding option that overcomes the shortcomings of more traditional and outdated EIFS and Metal-lath solutions. This lightweight, steel-reinforced, concrete alternative is maintenance & hassle-free and allows for a faster and cleaner application. The environmentally friendly ACCS has proven to substantially increase wall performance while allowing for better aesthetics.

MAINTENANCE & HASSLE-FREE

Aerated Concrete is durable. This innovative element of the system will not crack, rot, rust or otherwise degrade. It is quite stable and highly resistant to impact from traffic, lawnmowers, water from sprinklers and woodpeckers. It is an inert material that repels termites, fungi and other pests. In short, there will be less or no callbacks and repairs.

FASTER & CLEANER INSTALLATION

The fast-moving ACCS installation process results in building time savings. This straightforward system is not slowed down by the need for accessories such as casing, screed and corner beads or the waiting-time for the curing of mortars. It is also a cleaner process as there is no need for dirty on-the-job sand or cement mixing or messy foam rasping.

ENERGY & ACOUSTIC EFFICIENCY

Aerated Concrete is a green product with unusually high thermal and acoustic insulation. Owners will love energy savings and greatly appreciate outside noise reduction.

FIRE & WATER RESISTANCE

Aerated Concrete is not flammable. It has such a good fire rating that it is commonly used as fire wall. Water will not damage it and the system will resist its penetration.

WORKABILITY & AESTHETICS

The smooth surfaces and straight walls & corners of ACCS are distinctively appealing to builders and end users. The workability of aerated concrete is such that it can perfectly follow curved walls. It also allows for special designs and architectural details.

PROJECT SUPPORT & WARRANTY

Material quantity and cost estimates are free and readily available for your next job. Local dealers will provide reliable, fast and on-time order-to-project delivery of aerated concrete and other elements and help with on-site training for your installation crews. Turn-key jobs are also available. Aerated Concrete has a lifetime warranty.



All of these benefits make ACCS
your first choice in Wall Cladding.