



ainacore[®] 2.0 SI
STRUCTURAL INSULATION

TACKLE THE EXTREMES

HIGHER MOISTURE RESISTANCE AND LOWER COST THAN PHENOLIC FOAMS -
COMPETITIVE FIRE AND INSULATION PERFORMANCE

AinaCore SI 2.0 is a two-pound closed cell polyisocyanurate (PIR) foam with the highest fire rating and insulation value in its class.

It achieves these remarkable technical values with 18% recycled content using a polyol derived from recycled water bottles and without the use of the toxic brominated or chlorinated fire retardants commonly found in competitive products.

AinaCore[®] has an industry-leading k-factor (insulation value) of 0.165 (R7 per inch). The product is Class A fire rated according to ASTM E-84 test protocols and has a flame spread/smoke development rating of 25/50. It is dimensionally stable under changing temperature and moisture conditions.

AinaCore[®] has successfully been tested for and specified into fire rated defense applications, pipe insulation, and roofing tile. It is an ideal material for insulated siding, structural insulated panels (SIPs), the cores of wall, floor, and roofing systems, and for insulation in motor homes and RV's, mobile and stationary refrigeration systems and can be milled on CNC machines to create pipe insulation.

AinaCore[®] is a viable option for builders and architects seeking to create homes that are impervious to fire, storms, moisture/mold, and insect damage. When integrated with building products, it offers radically improved energy efficiency, indoor air quality, zero waste, and durability.

About Malama Composites

Malama Composites develops and manufactures rigid urethane foams made from sustainable resources. These core materials enable manufacturers to produce final products that are strong, light weight, non-toxic, and far more easily recycled than petroleum-based foams.

visit us at: www.malamacomposites.com



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 **MALAMA**
COMPOSITES[®]
GREEN TO THE CORE