

“STS” – Thermal and Sound Barrier Acousticore

GREEN

RECYCLED

We help you *manage* the properties of
sound and heat

24 Hour Lab Turn-Around

ACOUSTICS

← For Both →

INSULATION

DECO

Interior / Exterior

Perforations (Invisible)

Honeycomb – ¼” to 5” thick

Fibers & Fiber Matts (3D-shapes)

Low Density Matts – Stable - Flat

Moldable

Western Red Cedar (any size/shape)

Rubber Sheets (Recycled/Ground Tires)

Honeycomb (Paper, Plastic, Aluminum)

Powders (Reinforce, Stiffen, Bond)

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Thermal Barrier

Hot or Cold - Wet or Dry

Basalt / Matt or Fibers (Hydrophobic)

Jute, Kanauf, Wood / 3-D Fiber
Matts

Cotton with Aluminum Foil

Newspaper (Recycled)
2 – 17# Density / cu ft
3.7 R Factor Per Inch .8 NRC@ 1”

Foils / Films (Adhesive Backed)
Reflective & Air Flow Resistant

Extrusions (Any shape/Plastic – aluminum)

Resistant to Mold/Fungi
Extreme Water Resistance
Breathable

Flat or 3D **Prototypes Available**

Models Made

Light Weight

Practical Results

CLASS “A” FIRE RETARDANT AVAILABLE

Add a Skin of Perforated Wood Veneer or Fabric

SPECIAL ADHESIVES FOR BONDING TO ANYTHING

12 / 2016



**LENDERINK
TECHNOLOGIES**

1267 House St. NE, Belmont, MI 49306
(616) 887-8257 Fax (616) 887-7910 www.lenderink.com

Hot or Cold
Insulation

Wet or Dry

Insulation Thermal Barriers

3D Shapes, Models, Prototypes

A PRACTICAL APPROACH

Basalt Matt or Fiber

Fiber Matts – Molds to 3D Shapes
Jute, Kenaf, Wood, Coconut

Newspaper (Recycled) 2 to 17#/cu ft
3.7 R Factor per Inch
.8 NRC@ 1"

Western Red Cedar
Tiles, Panels, Blocks, Veneers, Shapes

Honeycomb
1/4" to 5" thick/Paper, plastic, Aluminum

Polyester Fiber Matt **ES - 500**
No Off Gas / Printable
1", 2", 3", 4" Thickness
Won't Mold or Mildew
Does Not Absorb Water
Recyclable

Energy Saver Select **ES - 401**
Multilayer – Foils and Cottons
Polyester-Deco Outer Layers Available
.200" (full fluff)
Spot Sonic Welded – 6 Layer

Pure Quiet Ultra-soft USA Cotton **ES - 201**
.100" Thick (at full loft)
Washable/Dry Cleanable
Needle Punched with thin Polypropylene Scrim
(for flatness and stability)

Polyester Fleece **ES - 301**
.125" Thick (at full loft)
Sewable or Heat Activated
Adhesive 2 sides = Fusible
Stackable for Thicker Lay Up

Insulated Lining **ES - 402**
Polyester Face and Back (Resists Conduction)
Inner Reflective Foil
Reflects / Radiant Energy – Needle Punched
.100" (at full loft)
Sew-able

Reflective Foil & Polyester Loft **ES - 403**
.125" Maximum Thickness
.005" Foil Outer Layer (1-side)
.120" Polyester "Loft"
Waterproof
Sew-able
Spot Sonic Welded

Available Services and Products:

ADHESIVES
PROTOTYPE SHAPES

SAMPLES
MODELS

SIZING
3D FOLD or MOLD

CLASS "A" FIRE RETARDANT AVAILABLE

All of the above can be added to Backers, Overlays, 3D Fold or Mold, Deco Layers, Wood Veneers, and Adhesives. Powder Adhesives can be applied to add rigidity (for shapes).

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