INNOVATION PROVIDERS



CORAFOAM® High Density
FOR SIGNS

DUNA-USA
FOAM & CHEMICALS

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CORAFOAM® High density
The right choice for your Signs.





HDU boards have completely replaced all other materials in the field of carved signs and letters. We offer our complete range of CORAFOAM® High density polyurethane boards, available in densities 10, 15 and 20 pcf.

ADVANTAGES:

- Perfect workability, perfect edges
- Makes more chip, less dust
- Light weight
- Resistant to water, atmospherical agents and salted air
- Resistance to ageing and rotting
- Very good finishing
- Resistant to most solvents (and all varnishes)
- Available in different densities

MAIN TECHNICAL CHARACTERISTICS

CORAFOAM®			U 100	U 150	U 200
DENSITY	ASTM D 1622	lb/ft³	10	15	20
COLOR			Grey	Light green	Peach
COMPRESSIVE STRENGTH	ASTM D 1621	psi	280	590	1140
SHEAR STRENGTH	ASTM D 732	psi	205	400	675
FLEXURAL STRENGTH	ASTMC 203	psi	380	780	1330

Reported values may be submitted to variations. Please address yourself to DUNA-USA Inc and always ask for the last issue of the technical data sheet.

AVAILABLE SIZES:

Length = 96”
Width = 48”
Thickness = ½”, ¾”, 1”, 1.5”, 1.75”, 2”, 2.5”, 3”, 3.5”, 4”, 4.5”, 5”, 5.5”, 6”, 6.5”, 7”, 7.5”, 8”
Any other sizes call Duna USA.







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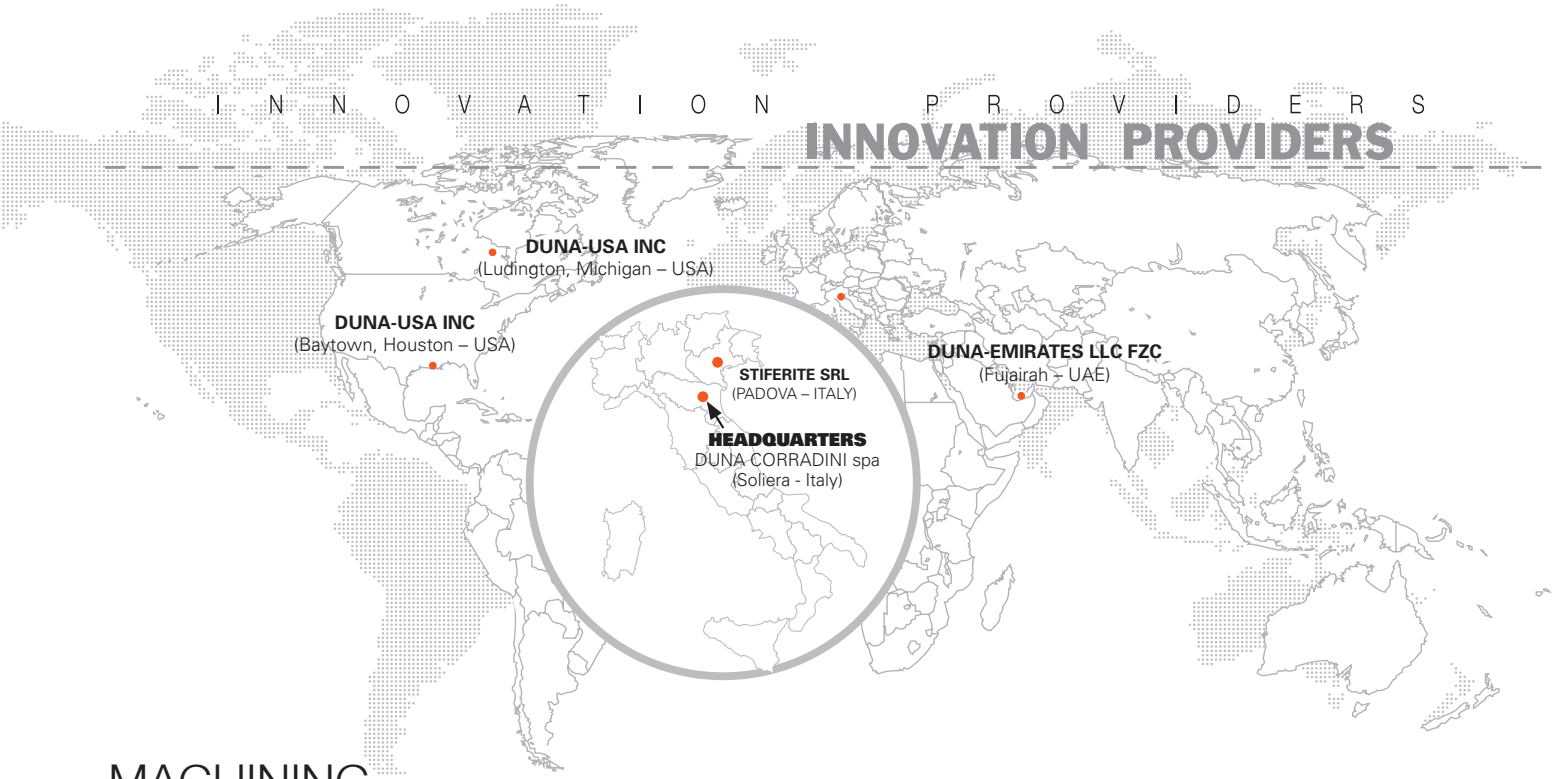

MACHINING

The most standard woodworking tools as well as CNC machines work perfectly on CORAFOAM®, better than on any other kind of material. Just do NOT use heat related cutting devices.

CARVING

Our CORAFOAM® can be carved with the most traditional wood carvers, offering the advantage of a precise structure and sharp edges, unobtainable with wood or any other material. No knots, no grains, no fiber direction.

SANDBLASTING

The technique of sandblasting is fully appliable to CORAFOAM®.

ADHESIVES

CORAFOAM® itself is compatible with any kind of glue, even solvent based. Together with CORAFOAM®, we can offer a complete line of structural adhesives, both polyurethane and epoxy, one and two components, available for import from Italy. Particularly effective is our one component polyurethane adhesive: DUNAPOL™ AD 4020 V4. This glue has an open time of 15 minutes, and is sold in practical bottles of 1 kg each. Its medium viscosity allows to spread it comfortably without dripping.

FINISHING

The fine structure of CORAFOAM® and its resistance to most solvents make of it the perfect surface where you can apply any kind of paint or primer.







www.apdpd.it

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