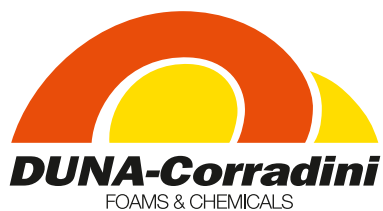


I N N O V A T I O N P R O V I D E R S

**INNOVATION PROVIDERS**



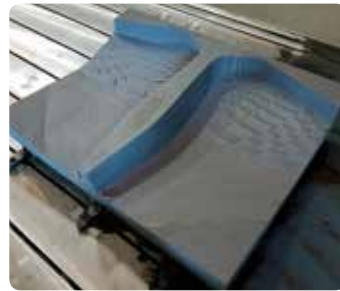
**TOOLING SOLUTIONS**



# DUNA-Corradini MANUFACTURES A VARIETY OF LOW AND HIGH-TEMPERATURE PRODUCTS FOR THE AEROSPACE, COMPOSITE, ARCHITECTURAL, MODELING, AND DESIGN INDUSTRIES.

## Our Tooling solutions include products for:

- Tool proofing/CAD Design Verification
- Master models and molds for high temperature carbon prepreg lamination
- Prototyping
- Vacuum Forming

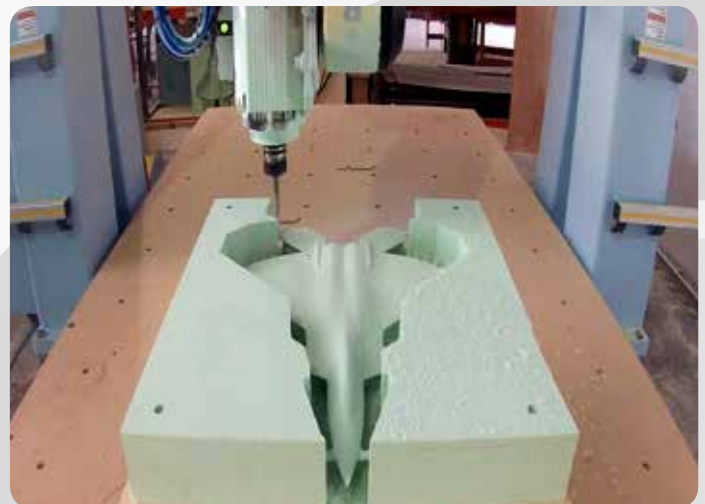


## TOOLING BOARD

### CORAFOAM® Series Polyurethane Tooling Boards

Easy to machine polyurethane foam for prototyping, model making, composite lay-up tooling, vacuum forming, and tool proofing applications. See sizing chart at page 6.

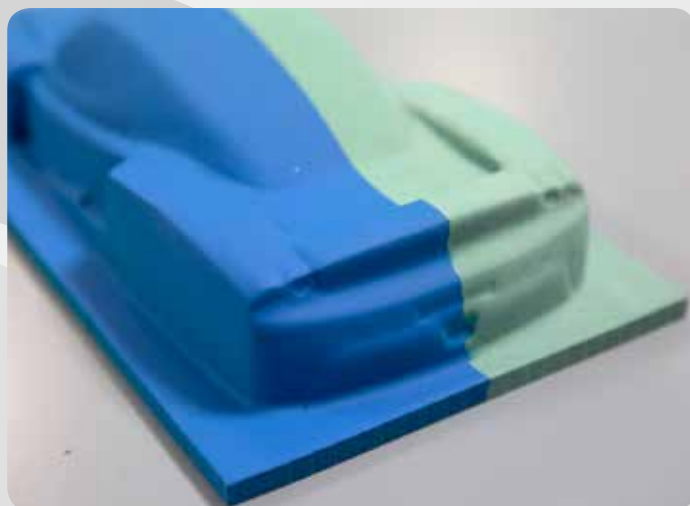
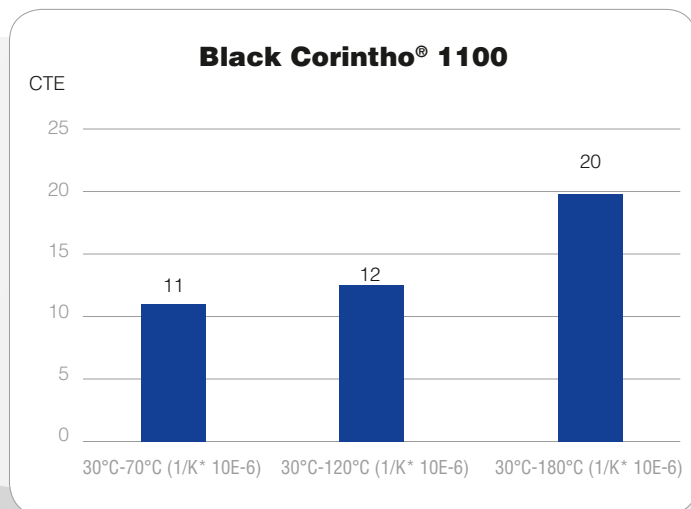
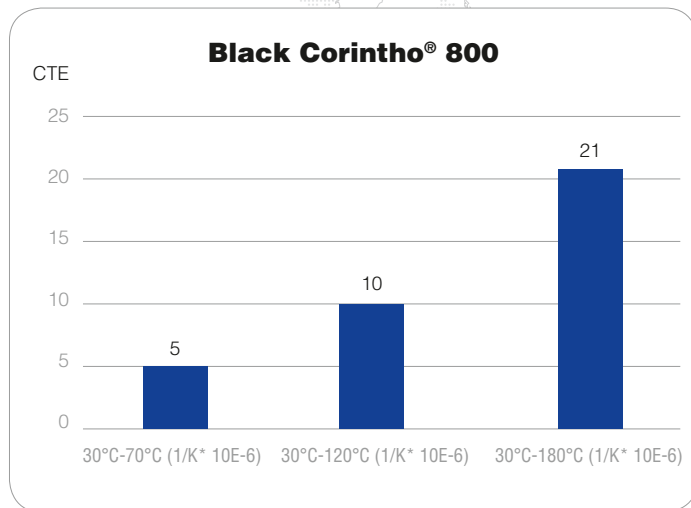
- Tightest cell structure on the market
- Densities: 80-500 kg/m<sup>3</sup> (see back for available sizes)
- Will produce chips instead of dust
- Grain-free consistency
- Ultra-smooth surface makes for easier sealing/finishing



# CORINTHO® Series Polyurethane Tooling Boards

Our flagship line of high and low temperature boards for high-temperature curing prepregs, model making, prototyping, vacuum forming and CAD design verification. See sizing chart at page 6.

- **BLACK CORINTHO® 800**: 800 kg/m<sup>3</sup>, Ultra-low CTE, high thermal conductivity, can withstand up to 200°C, specific for master models and molds for high temperature carbon prepreg lamination.
- **BLACK CORINTHO® 1100**: 1100 kg/m<sup>3</sup> Ultra-low CTE, high thermal conductivity, can withstand up to 200°C, specific for master models and molds for high temperature carbon prepreg lamination.
- **BLUE CORINTHO® HT 700**: 700 kg/m<sup>3</sup> can withstand up to 200°C
- **BLUE CORINTHO® 700**: 700 kg/m<sup>3</sup> can withstand up to 120°C



## SEALER

### **DUNAPOX™ SEA 125 High-Temp Epoxy Sealer (200°C)**

High-temp sealer designed to seal polyurethane, epoxy and graphite to achieve vacuum integrity and an ultra-smooth, protective surface. Available in minimal kits of 5 kg of resin + 1 kg of hardener.

- Can withstand up to 200°C
- Can be sprayed, brushed or rolled
- Cures to a tough, Shore D 85 protective surface
- Designed to expand and contract with the tool under temperature
- Available in both blue and black coloration



# ADHESIVE

## DUNAPOL™ AD Line of Polyurethane Adhesives

Single-part, waterproof, flexible polyurethane adhesives designed for structural and panel bonding of polyurethane, wood, metal, PVC, concrete, and almost any material. Available in 35 oz. bottles.

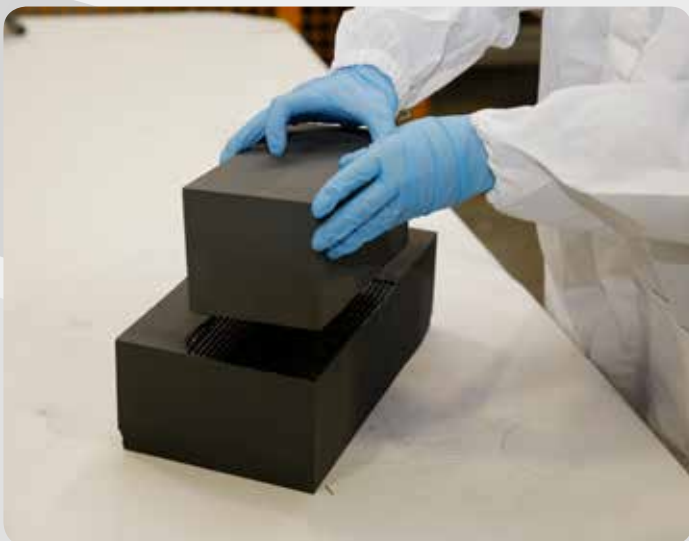
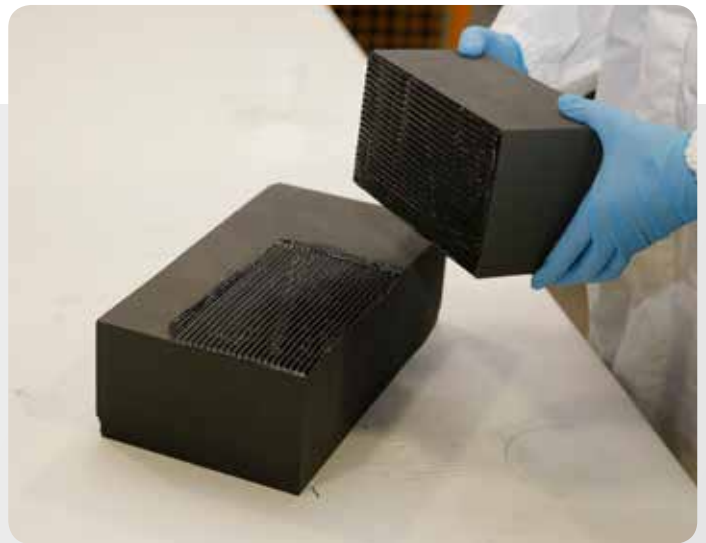
**DUNAPOL™ AD 3206 V3:** Working time of 15-18 minutes

**DUNAPOL™ AD 3140:** Working time of 30-40 minutes

## DUNAPOX™ Epoxy Adhesive

High-temperature epoxy adhesive for aerospace, automotive and other applications. Available in minimal kits of 5 kg of resin + 1 kg of hardener.

**DUNAPOX™ AD 135:** High temperature (+200°C), thixotropic epoxy adhesive designed to expand and contract with the tool under temperature without cracking/degradation.



# DENSITY AND SIZING CHART

Product	Density (kg/m <sup>3</sup> )	Standard sheet size (mm)	Thickness (mm)	CTE 21-48°C (1/K·10 <sup>-6</sup> )	Operating temperature (°C)
CORAFOAM® MD 80	80	1200x2500	Max 400	50	-200/+80
CORAFOAM® MD 140	140	1000x2000	Max 400	50	-200/+80
CORAFOAM® MD 160	160	1000x2000	Max 400	50	-200/+80
CORAFOAM® MD 250	250	1000x2000	Max 200	30	-200/+65
CORAFOAM® MD 300	300	1000x2000	Max 200	30	-200/+65
CORAFOAM® MD 320	320	1000x2000	Max 100	30	-200/+65
CORAFOAM® MD 500	490	1000x2000	Max 100	30	-200/+65
Product	Density (kg/m <sup>3</sup> )	Standard sheet size (mm)	Thickness (mm)	CTE 40-110 °C (1/K·10 <sup>-6</sup> )	Operating temperature (°C)
BLUE CORINTHO® 700	700	500x1500	Max 100	72	-200/+120
BLUE CORINTHO® HT 700	700	500x1500	Max 100	20	-200/+205
BLACK CORINTHO® 800	800	500x1500	Max 100	6	0/+200
BLACK CORINTHO 1100	1100	500x1500	Max 100	10	0/+200





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