

## Composites

### LEED DOCUMENTATION

#### COMMITMENT TO THE ENVIRONMENT IN THE CRANE COMPOSITES FACILITIES

- State of the art Regenerative Thermal Oxidizers (RTO) are utilized to eliminate the emission of VOC's (Volatile Organic Compounds, making CCI manufacturing facilities Title V (air permit) Compliant
- Materials used in packaging are recyclable – plastics, wood, cardboard and aluminum pallets and cores are returned from customers and reused
- Less than A-grade quality product is saved and reworked or sold as B-grade to avoid landfill
- Water used to cut product on the continuous manufacturing line is reused in a closed loop system and does not introduce contaminated H2O into the waste system
- Formaldehyde free products and processes
- Rags and acetone cleaners are recycled
- All products made with non-lead based pigments
- Carrier film is reused
- Office paper is recycled as well as printer ink and toner cartridge
- Buildings are non-smoking facilities with designated smoke areas
- Crane Composites complies with all local, state and federal regulations regarding pollution prevention of land, water and air and we are focused on waste minimization in all areas





Sustainable Sites		21	Points
<input checked="" type="checkbox"/>	Credit 1 <b>Site Selection</b>		
<input checked="" type="checkbox"/>	<b>Select a LEED Certified Building</b>	5	
<input checked="" type="checkbox"/>	<b>OR Locate the tenant space in a building with following characteristics:</b>	up to 5	
<input checked="" type="checkbox"/>	Option 1A Brownfield Redevelopment	1	
<input checked="" type="checkbox"/>	Option 1B Stormwater Design: Quantity Control	1	
<input checked="" type="checkbox"/>	Option 1C Stormwater Design: Quality Control	1	
<input checked="" type="checkbox"/>	Option 1D Heat Island Effect: Non-Roof	1	
<input checked="" type="checkbox"/>	Option 1E Heat-Island Effect: Roof	1	
<input checked="" type="checkbox"/>	Option 1F Light Pollution Reduction	1	
<input checked="" type="checkbox"/>	Option 1G Water Efficient Landscaping: Reduce by 50%	2	
<input checked="" type="checkbox"/>	Option 1H Water Efficient Landscaping: No Potable Use or No Irrigation	2	
<input checked="" type="checkbox"/>	Option 1I Innovative Wastewater Technologies	2	
<input checked="" type="checkbox"/>	Option 1J Water Use Reduction: 30% Reduction	1	
<input checked="" type="checkbox"/>	Option 1K Onsite Renewable Energy	2	
<input checked="" type="checkbox"/>	Option 1L Other Quantifiable Environmental Performance	1	
<input checked="" type="checkbox"/>	Credit 2 <b>Development Density &amp; Community Connectivity</b>	6	
<input checked="" type="checkbox"/>	Credit 3.1 <b>Alternative Transportation, Public Transportation Access</b>	6	
<input checked="" type="checkbox"/>	Credit 3.2 <b>Alternative Transportation, Bicycle Storage &amp; Changing Rooms</b>	2	
<input checked="" type="checkbox"/>	Credit 3.3 <b>Alternative Transportation, Parking Availability</b>	2	

Water Efficiency		11	Points
<input checked="" type="checkbox"/>	Prereq 1 <b>Water Use Reduction, 20% Reduction - in tenant scope of work</b>	Required	
<input checked="" type="checkbox"/>	Credit 3 <b>Water Use Reduction</b>	6 to 11	
<input checked="" type="checkbox"/>	30% Reduction	6	
<input checked="" type="checkbox"/>	35% Reduction	8	
<input checked="" type="checkbox"/>	40% Reduction	11	

Energy and Atmosphere		37	Points
<input checked="" type="checkbox"/>	Prereq 1 <b>Fundamental Commissioning of the Building Energy Systems</b>	Required	
<input checked="" type="checkbox"/>	Prereq 2 <b>Minimum Energy Performance</b>	Required	
<input checked="" type="checkbox"/>	Prereq 3 <b>Fundamental Refrigerant Management</b>	Required	
<input checked="" type="checkbox"/>	Credit 1.1 <b>Optimize Energy Performance: Lighting Power</b>	1 to 5	
<input checked="" type="checkbox"/>	Reduce lighting power density to 15% below the standard	1	
<input checked="" type="checkbox"/>	Reduce lighting power density to 20% below the standard	2	
<input checked="" type="checkbox"/>	Reduce lighting power density to 25% below the standard	3	
<input checked="" type="checkbox"/>	Reduce lighting power density to 30% below the standard	4	
<input checked="" type="checkbox"/>	Reduce lighting power density to 35% below the standard	5	
<input checked="" type="checkbox"/>	Credit 1.2 <b>Optimize Energy Performance: Lighting Controls</b>	1 to 3	
<input checked="" type="checkbox"/>	Option A: Daylight responsive controls within 15 feet of windows	1	
<input checked="" type="checkbox"/>	Option B: Daylight responsive controls for 50% of load	1	
<input checked="" type="checkbox"/>	Option C: Occupancy sensors for 75% of load	1	
<input checked="" type="checkbox"/>	Credit 1.3 <b>Optimize Energy Performance: HVAC</b>	Option A or B	
<input checked="" type="checkbox"/>	Option A: Equipment Efficiency and Zoning & Controls	5 to 10	
<input checked="" type="checkbox"/>	Option B: Reduce Design Energy Cost	5 to 10	
<input checked="" type="checkbox"/>	Credit 1.4 <b>Optimize Energy Performance: Equipment and Appliances</b>	1 to 4	
<input checked="" type="checkbox"/>	70% of ENERGY STAR eligible equipment is ENERGY STAR rated	1	
<input checked="" type="checkbox"/>	77% of ENERGY STAR eligible equipment is ENERGY STAR rated	2	
<input checked="" type="checkbox"/>	84% of ENERGY STAR eligible equipment is ENERGY STAR rated	3	
<input checked="" type="checkbox"/>	90% of ENERGY STAR eligible equipment is ENERGY STAR rated	4	
<input checked="" type="checkbox"/>	Credit 2 <b>Enhanced Commissioning</b>	5	
<input checked="" type="checkbox"/>	Credit 3 <b>Measurement &amp; Verification</b>	2 to 5	
<input checked="" type="checkbox"/>	Install Sub-Metering Equipment	2	
<input checked="" type="checkbox"/>	Tenant Pays for Energy	3	
<input checked="" type="checkbox"/>	Energy Use, Measurement & Payment Accountability	5	
<input checked="" type="checkbox"/>	Credit 4 <b>Green Power</b>	5	

Materials & Resources		14	Points
<input checked="" type="checkbox"/>	Prereq 1 <b>Storage &amp; Collection of Recyclables</b>	Required	
<input checked="" type="checkbox"/>	Credit 1.1 <b>Tenant Space Long Term Commitment</b>	1	
<input checked="" type="checkbox"/>	Credit 1.2 <b>Building Reuse, Maintain 40% of Interior Non-Structural Components</b>	1	
<input checked="" type="checkbox"/>	Credit 1.3 <b>Building Reuse, Maintain 60% of Interior Non-Structural Components</b>	1	
<input checked="" type="checkbox"/>	Credit 2.1 <b>Construction Waste Management, Divert 50% From Disposal</b>	1	
<input checked="" type="checkbox"/>	Credit 2.2 <b>Construction Waste Management, Divert 75% From Disposal</b>	1	
<input checked="" type="checkbox"/>	Credit 3.1 <b>Materials Reuse, 5%</b>	1	
<input checked="" type="checkbox"/>	Credit 3.2 <b>Materials Reuse, 10%</b>	1	
<input checked="" type="checkbox"/>	Credit 3.3 <b>Materials Reuse, 30% Furniture and Furnishings</b>	1	
<input checked="" type="checkbox"/>	Credit 4.1 <b>Recycled Content, 10% (post-consumer + 1/2 pre-consumer)</b>	1	
<input checked="" type="checkbox"/>	Credit 4.2 <b>Recycled Content, 20% (post-consumer + 1/2 pre-consumer)</b>	1	
<input checked="" type="checkbox"/>	Credit 5.1 <b>Regional Materials, 20% Manufactured Regionally</b>	1	
<input checked="" type="checkbox"/>	Credit 5.2 <b>Regional Materials, 10% Extracted and Manufactured Regionally</b>	1	
<input checked="" type="checkbox"/>	Credit 6 <b>Rapidly Renewable Materials</b>	1	
<input checked="" type="checkbox"/>	Credit 7 <b>Certified Wood</b>	1	

Indoor Environmental Quality		17	Points
<input checked="" type="checkbox"/>	Prereq 1 <b>Minimum IAQ Performance</b>	Required	
<input checked="" type="checkbox"/>	Prereq 2 <b>Environmental Tobacco Smoke (ETS) Control</b>	Required	
<input checked="" type="checkbox"/>	Credit 1 <b>Outdoor Air Delivery Monitoring</b>	1	
<input checked="" type="checkbox"/>	Credit 2 <b>Increased Ventilation</b>	1	
<input checked="" type="checkbox"/>	Credit 3.1 <b>Construction IAQ Management Plan, Before Construction</b>	1	
<input checked="" type="checkbox"/>	Credit 3.2 <b>Construction IAQ Management Plan, Before Occupancy</b>	1	
<input checked="" type="checkbox"/>	Credit 4.1 <b>Low-Emitting Materials, Adhesives &amp; Sealants</b>	1	
<input checked="" type="checkbox"/>	Credit 4.2 <b>Low-Emitting Materials, Paints &amp; Coatings</b>	1	
<input checked="" type="checkbox"/>	Credit 4.3 <b>Low-Emitting Materials, Flooring Systems</b>	1	
<input checked="" type="checkbox"/>	Credit 4.4 <b>Low-Emitting Materials, Composite Wood &amp; Agrifiber Products</b>	1	
<input checked="" type="checkbox"/>	Credit 4.5 <b>Low-Emitting Materials, Systems Furniture and Seating</b>	1	
<input checked="" type="checkbox"/>	Credit 5 <b>Indoor Chemical &amp; Pollutant Source Control</b>	1	
<input checked="" type="checkbox"/>	Credit 6.1 <b>Controllability of Systems, Lighting</b>	1	
<input checked="" type="checkbox"/>	Credit 6.2 <b>Controllability of Systems, Thermal Comfort</b>	1	
<input checked="" type="checkbox"/>	Credit 7 <b>Thermal Comfort, Design</b>	1	
<input checked="" type="checkbox"/>	Credit 7.2 <b>Thermal Comfort, Verification</b>	1	
<input checked="" type="checkbox"/>	Credit 8.1 <b>Daylight &amp; Views, Daylight 75% of Spaces</b>	1	
<input checked="" type="checkbox"/>	Credit 8.2 <b>Daylight &amp; Views, Daylight for 90% of Spaces</b>	1	
<input checked="" type="checkbox"/>	Credit 8.3 <b>Daylight &amp; Views, Views for 90% of Seated Spaces</b>	1	

Innovation & Design Process		6	Points
<input checked="" type="checkbox"/>	Credit 1.1 <b>Innovation in Design: Provide Specific Title</b>	1	
<input checked="" type="checkbox"/>	Credit 1.2 <b>Innovation in Design: Provide Specific Title</b>	1	
<input checked="" type="checkbox"/>	Credit 1.3 <b>Innovation in Design: Provide Specific Title</b>	1	
<input checked="" type="checkbox"/>	Credit 1.4 <b>Innovation in Design: Provide Specific Title</b>	1	
<input checked="" type="checkbox"/>	Credit 1.5 <b>Innovation in Design: Provide Specific Title</b>	1	
<input checked="" type="checkbox"/>	Credit 2 <b>LEED® Accredited Professional</b>	1	

Regional Priority Credits		4	Points
<input checked="" type="checkbox"/>	Credit 1.1 <b>Regional Priority Credit: Region Defined</b>	1	
<input checked="" type="checkbox"/>	Credit 1.2 <b>Regional Priority Credit: Region Defined</b>	1	
<input checked="" type="checkbox"/>	Credit 1.3 <b>Regional Priority Credit: Region Defined</b>	1	
<input checked="" type="checkbox"/>	Credit 1.4 <b>Regional Priority Credit: Region Defined</b>	1	

Project Totals (Certification Estimates)		110	Points
<input type="checkbox"/>	Not Certified		
<input type="checkbox"/>	Certified: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points		

REGIONAL MATERIALS | CREDIT 5.1



A global leading provider of resilient wall and ceiling coverings. Kemlite® was established in 1954 and the company changed names to Crane Composites in 2007. Crane Composites is headquartered in Channahon, IL and all our products are manufactured in the United States. We work with hundreds of distributors, ensuring our products are easily accessible and readily available to our customers.

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