

## OUR SUSTAINABLE PHILOSOPHY

defines the approach we take to the market and involves Sustainable Production, Sustainable Systems and Sustainable Relationships.



- **SUSTAINABLE PRODUCTION:** DERBIGUM believes that as a manufacturer promoting sustainable products to our clients we have to practice what we preach.
- **SUSTAINABLE SYSTEMS:** We research and develop innovative systems and components to provide roofing systems that promote longevity, ecological stability and energy savings.
- **SUSTAINABLE RELATIONSHIPS:** We believe in partnering with our DERBIGUM Authorized Contractors, leading specifiers and building owners to achieve the best offerings available.

## LIFE CYCLE COST

is enhanced with Sustainable Program options available from DERBIGUM including the 15+15, 20+20, 25+25 and 30+30 providing the building owner with up to 60 years of guaranteed performance.\*



- **LIFE CYCLE COST:** LCC is a measurement to evaluate the long-term costs of a roofing system vs. the initial cost of design and installation.
- **COST OF OWNERSHIP:** The first of two variables to determine the LCC of the roofing system that involves the initial investment costs, maintenance costs, repair costs and replacement costs.
- **PERIOD OF TIME MEASURED:** The second variable to determine the LCC is the time frame that costs are to be evaluated. The life expectancy of the building should be considered in addition to the length of the roofing guaranty.

\*Contact your DERBIGUM Regional Sales Manager to learn about the benefits and details of the DERBIGUM Sustainable System Programs.

## APPROACH TO SUSTAINABILITY



## MAKING BUILDINGS SMART

ONE SUSTAINABLE SOLUTION AT A TIME

ADDRESSING THE NEEDS OF OUR CUSTOMERS AND THE ENVIRONMENT  
ONE SUSTAINABLE SOLUTION AT A TIME

# Sustainability

## Our Philosophy



4800 Blue Parkway  
Kansas City, MO 64130  
Phone: 800.727.9872 / Fax: 816.924.1542  
E-mail: [INFO@DERBIGUM.COM](mailto:INFO@DERBIGUM.COM) - [WWW.DERBIGUM.COM](http://WWW.DERBIGUM.COM)





# SUSTAINABLE PRODUCTION

**SUSTAINABLE SYSTEMS** are proven through longevity, recoverability, recyclability, and the continuous pursuit of advanced technologies to offer the building owner the best life cycle cost for their buildings needs.

# SUSTAINABLE RELATIONSHIPS



**SUSTAINABLE PRODUCTION** is how DERBIGUM proves our dedication to sound manufacturing practices to provide high performance products while managing our own carbon footprint.

- **TOP REINFORCED MEMBRANES:** DERBIGUM products are dual and triple reinforced with both fiberglass and polyester mats placed in the top 25% of the membrane to provide additional UV protection for 75% of the waterproofing material - the highest percentage in the industry.
- **RECOVERABILITY:** An un-surfaced DERBIGUM system allows for a direct recover without costly tear-off and re-roof. This ability paired with the proven longevity of our systems provides the building owner with a roofing system guaranteed for up to 60 years.
- **RECYCLABILITY:** DERBIGUM roofing membranes are 100% recyclable, decreasing the amount of waste from job sites that would normally be taken to landfills.

**SUSTAINABLE RELATIONSHIPS** is how DERBIGUM views our partnerships. A sustainable approach includes sustaining our relationships with owners, specifiers and our DERBIGUM Authorized Contractors.

- **EDUCATION:** DERBIGUM has made education a priority through offering DERBIGUM University to our contractors and distributors, as well as presenting webinars and continuing education programs for specifiers.
- **DERBIGUM AUTHORIZED CONTRACTORS:** Our DAC program assures that we have the top contractors in the business trained to apply our products in all areas of the United States.
- **MAINTENANCE PROGRAMS:** We work to provide annual maintenance programs to assist in keeping the roofing system performing beyond the life of the guaranty.



- **PASSIVE COOLING SYSTEMS:** DERBIBRITE is a cold applied DERBIGUM sustainable system innovation that provides the owner a modified bitumen system with an integrated highly reflective, highly emissive and PH neutral surfacing to meet today's energy and ecological demands.
- **ENERGY GENERATION SYSTEMS:** DERBISOLAR is the cold applied DERBIGUM Building Integrated Photovoltaic system that will provide the building owner with a low profile, high performance energy generation system with a 20 year guaranty from substrate to inverter.
- **STORM WATER MANAGEMENT:** DERBIGREEN is the DERBIGUM Green Roof offering to provide the owner an integrated rooftop vegetative system to promote water retention, water detention and act as a live insulator for the building.

**INDUSTRY LEADERSHIP** through organizational involvement provides opportunities to help our industry in areas of research and development, provide guidance on developing legislation, and promote programs to assist our partners.

- **CEIR:** DERBIGUM is a founding member of the Center for Environmental Innovation in Roofing and holds seats on many key standing committees and the Board of Directors to promote the environmental and energy impact of the roofing system.
- **RCI:** DERBIGUM is proud to encourage our employees to work towards attaining their Registered Roof Observer and Registered Roof Consultant certifications and support various Roofing Consultant Institute programs and events.
- **AIA:** DERBIGUM develops and presents non-proprietary educational opportunities on a variety of current topics for the Architects Institute of America Continuing Education program.



- **ISO 9001 CERTIFICATION:** Our ISO 9001 certification was first achieved in 1994. This quality management achievement ensures that our products and services exceed quality requirements.
- **ISO 14001 CERTIFICATION:** DERBIGUM was the first roofing manufacturer to achieve the ISO 14001 environmental management certification and remains a leader in ecologically sound business practices.
- **RECLAMATION:** Our production facility investigates continuous improvement opportunities to recycle water, reduce waste, reduce energy and eliminate emissions throughout our manufacturing process.

**DERBIGUM MATERIALS LABORATORY** evaluates every polymer and bitumen supply received assuring that our raw materials meet the highest standards possible. Samples are taken from each production run and from the field for quality testing.

- **RECYCLED CONTENT BLEND:** The DERBIGUM Materials Laboratory continuously test recycled polymers and bitumen to find ways to increase our recycled content without degrading the quality of our membranes.
- **WEATHERIZATION:** Aging tests are simulated in the laboratory and compared to data retrieved from sample cuts in the field to evaluate UV resistance, phase inversion and temperate fluctuations.
- **INNOVATION:** The Materials Laboratory at our Kansas City facility coordinates efforts with our laboratory in Belgium to identify new additives and innovations to continuously expand our product offerings to meet the changing building envelope industry.



**SUSTAINABLE SOLUTIONS**