



# EDGE-TO-EDGE & DECK-TO-SKY™

COMPLETE COMMERCIAL ROOFING SYSTEMS



Manufacturer of the *World's Best Roof*®  
Proven performance since **1978**



# Building Relationships Through Partnership and Innovation



Since 1978, billions of square feet of Duro-Last® single-ply roofing have been installed throughout North America. We stand by every square foot with our best-in-class warranties, Quality Assurance department and commitment to providing problem-solving products.

## Dedication

Duro-Last will do what it takes to get the job done, whether you are a roofing contractor, building owner, architect, specifier, roof consultant or engineer. We are with you – from design through post-installation inspection – to ensure that the “World’s Best Roof®” is delivered.

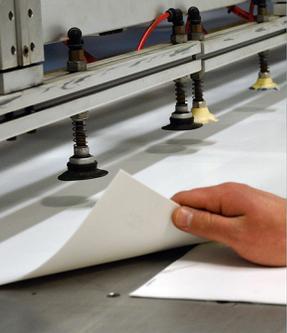
## Quality

Duro-Last is a leader in vertical integration. Since the beginning, our founder, John R. Burt, strived to produce as many parts of a Duro-Last assembly in-house while also embracing the Edge-to-Edge & Deck-to-Sky™ approach. All of this allows Duro-Last to control quality from top to bottom.

## Innovation

With entrepreneurial roots, Duro-Last cultivates a culture of innovation. We are always looking for ways to make roof systems better and solve problems for our customers.





## The Duro-Last Difference

Custom-fabrication sets Duro-Last apart. Duro-Last can fabricate deck sheets and accessories to fit each building.

Custom-fabrication dramatically reduces rooftop labor - when workers are on the rooftop where the environment is harsh and unpredictable. Whether you are using custom-fabricated deck sheets or roll goods, Duro-Last's custom-fabricated flashings and accessories address the critical transition areas of a roof. All of this leads to a long-term, low-maintenance solution.

## Industry Leadership

Since 1978, the Duro-Last PVC roofing membrane has proven to be durable, serviceable, flame resistant, highly flexible and recyclable. With our technologically advanced PVC extruder, we further strengthened our commitment to the proven performance of PVC roofing.

All Duro-Last roofing membranes are UL and FM approved, and many of our metal products offer ES-1 compliance. For more information on code approvals and standards, visit the Duro-Last website at [www.duro-last.com](http://www.duro-last.com).

## Warranties

Duro-Last warranties provide unparalleled protection for virtually all commercial roofing applications. We have warranty options to suit your needs, including hail and high-wind warranties, and we were the first manufacturer to offer a warranty that expressly covered consequential damages.

## North American Footprint

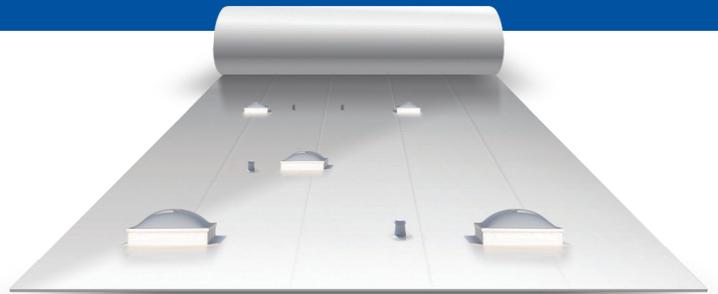
We are "keeping North America covered" through strategically placed Quality Assurance Technical Representatives for service and inspections, an Engineering Services Department and six manufacturing facilities.

- **Saginaw, Michigan** - *Corporate Headquarters*
- **Grants Pass, Oregon**
- **Jackson, Mississippi**
- **Sigourney, Iowa**
- **Carrollton, Texas**
- **Ludlow, Massachusetts**

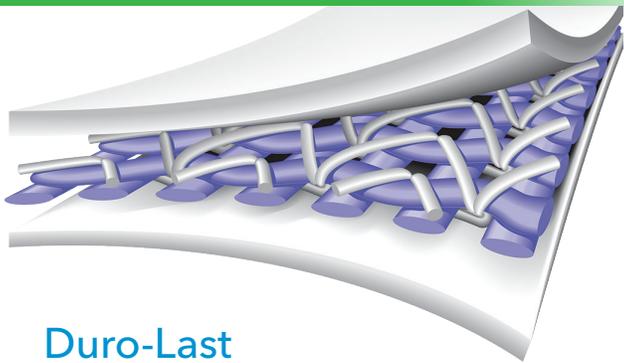




# Duro-Last Membrane Systems: Billions of Square Feet Installed



## MEMBRANES



### Duro-Last Custom-Fabricated System

The Duro-Last flagship membrane is a proprietary thermoplastic formulation that provides exceptional flexibility, reflectivity and resistance to UV radiation, fire and a broad range of chemicals.

A key Duro-Last difference is a weft-insertion anti-wicking scrim with a density of 18 by 14 threads per inch - which gives the Duro-Last membrane its strength and durability.

- Available in 40, 50 and 60 mil membranes
- Colors: White, tan, gray, dark gray, terra cotta
- Only product in the marketplace to offer custom-fabrication of the entire roofing membrane
- Unique in the industry, Duro-Last offers a 15-year warranty with consequential damage coverage for commercial buildings with the Duro-Last custom-fabricated roofing system
- Can be mechanically attached, adhered or induction welded using the Duro-Bond® system

### Duro-Last X™ Custom-Length Roll Goods



Our Duro-Last X membrane is manufactured via an innovative extrusion process that delivers the same proven formulation and performance as our flagship product line. Custom-cut rolls enable reduced installation labor, less waste and scrap and fewer welds and T-patches.

- Available in 50, 60 and 80 mil membranes
- Smooth, white matte finish

### Designer Series: Rock-Ply® and Shingle-Ply®

Our Designer Series membranes provide an aesthetic look plus the watertight performance and long-term durability of the Duro-Last Roofing System. Each system has either shingle or ballast design printed directly onto the membrane.

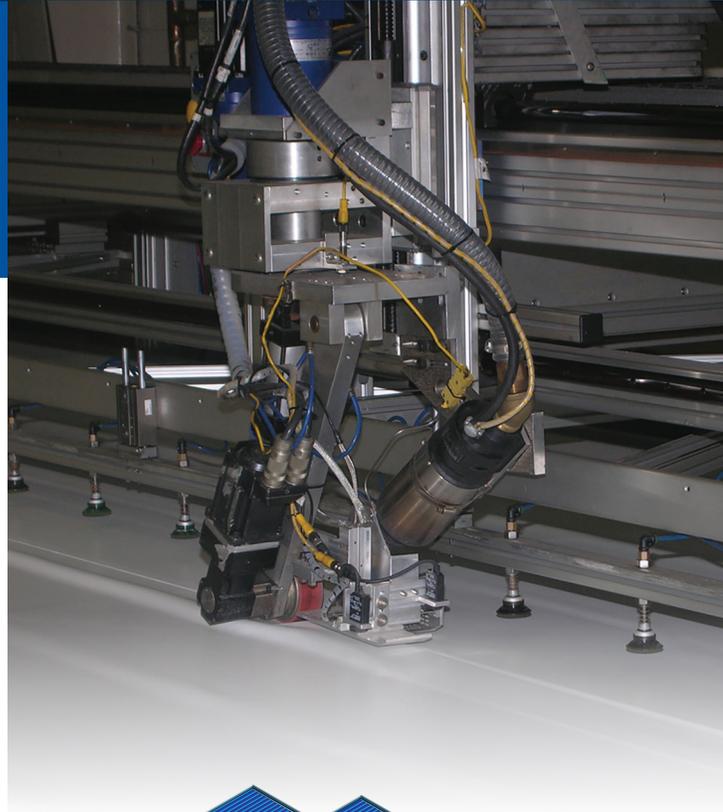
- Available in 50 mil
- Shingle-Ply colors: slate gray or sandstone



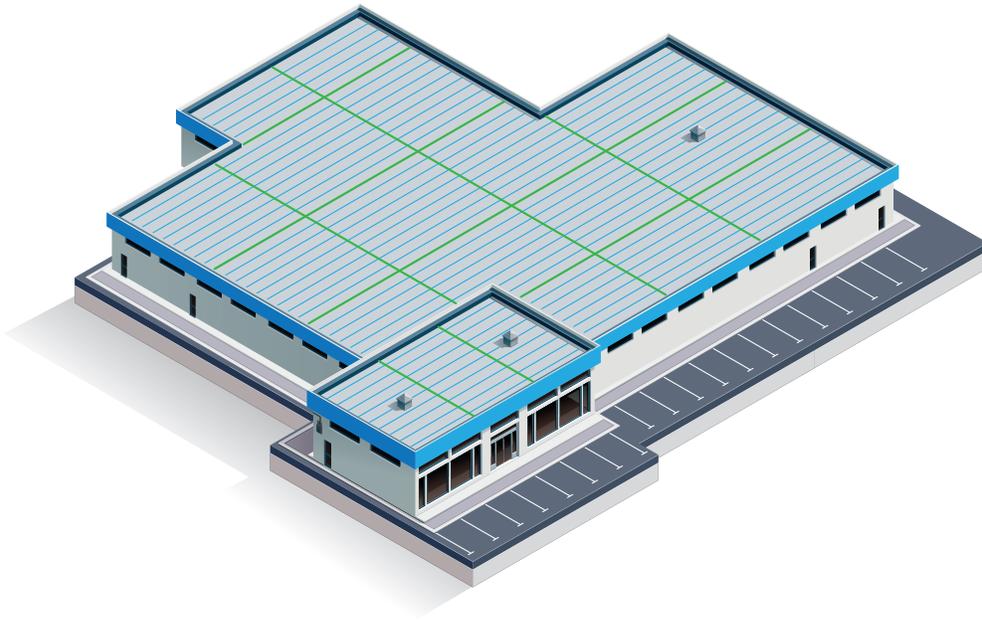
# A Difference You Can See

## Fewer Welds = Fewer Leaks

- Up to 85% of seams can be completed in our factory-controlled environment
- Factory-welded seams mean better first-time quality and fewer callbacks
- Reducing on-site welding dramatically reduces potential for leaks and enables faster, quieter and easier installation
- Custom-fabricated accessories provide easier transitions, superior waterproofing and better aesthetics
- Clean installations reduce job-site waste and disruptions



## The Duro-Last Difference



**1,278**

- Custom-fabricated Duro-Last Roofing System - 5' Laps
  - Custom-fabricated Membrane Sheets
  - Linear Feet of Field Seams - 1,278 (Green)
- (Blue lines represent Duro-Last factory seams)



**7,968**

- 6' Wide Roll Good Systems
- Linear Feet of Field Seams - 7,968



**5,130**

- 10' Wide Roll Good Systems
- Linear Feet of Field Seams - 5,130



**5,043**

- 5' Wide Roll Good Systems
- Linear Feet of Field Seams - 5,043



## Additional Membrane Solutions

Duro-Last also offers other PVC membrane solutions. Although we are committed to the benefits of custom-fabrication, we realize that it may not be the ideal solution for all jobs and roofing contractors. Roll goods from Duro-Last enable installation on challenging roofs that are difficult to measure and projects in extreme weather.

A complete line of custom-fabricated accessories is available for each membrane product line.

## Duro-Tuff®

Duro-Tuff was introduced to provide a better roll good product while also providing a cost-effective, secure and watertight installation.

- Available in 50, 60 and 80 mil
- Roll widths: 10", 30", 5', 10'
- Can be mechanically attached, adhered or induction welded using the Duro-Bond system

## Duro-Fleece®

Duro-Fleece combines a PVC thermoplastic membrane and a high-quality fleece material on the underside of the membrane. Our Duro-Fleece membranes are an ideal product for use in adhered and mechanically fastened applications over a wide variety of roof substrates.

- Available in 50, 60 and 80 mil
- Roll widths: 5', 10'
- Can be mechanically attached or adhered

## Duro-Tuff and Duro-Fleece Colors

Duro-Tuff and Duro-Fleece membranes are available in a variety of colors. These membranes have the same color film throughout to reduce the visual effects of bleed out as well as the availability of color matched custom membrane accessories.

- Color options: blue, copper, charcoal, dark green, patina, light gray and light tan
- Duro-Tuff Colors roll widths: 10", 30", 5', 10'
- Duro-Fleece Colors roll widths: 5', 10'

## Duro-Last EV

Duro-Last's ketone ethylene ester (KEE) containing membrane, Duro-Last EV, offers the UV resistance, reflectivity and chemical resistance that Duro-Last is known for. Duro-Last EV contains DuPont's™ Elvaloy®, which provides durable flexibility in roofing membranes. Duro-Last EV is flexible and weldable in low temperatures and performs well in cold, harsh environments.

- Available in 50 and 60 mil
- Roll widths: 10", 30", 5', 10'
- Can be mechanically attached, adhered or induction welded using the Duro-Bond system



# Above and Beyond

As a full roofing system provider, Duro-Last goes above and beyond with an extensive offering of products to protect and maintain your roof once it's installed, as well as pavers, retrofit solutions, and our line of Safe Stuff PPE designed to help keep your operations safe, healthy and in compliance with mandated regulations.

## Duro-Shield™ Coatings

Duro-Shield Coatings and Materials can be used on a variety of substrates and are designed to help protect and revitalize the performance of commercial roofs.

**Duro-Shield Silicone** - silicone-based roof coating designed to resist natural weathering while providing long-lasting watertight protection. Its brilliant white finish offers superior reflectivity and energy savings, and additional color options are available to meet a variety of aesthetic needs. When properly prepared and applied, can be used on the following roof substrates:

- Single-ply membranes (aged PVC, EPDM, TPO)
- Spray-applied polyurethane foam
- Mineral, granule-surface and smooth-surface BUR and modified bitumen
- Aged galvanized metal
- Concrete
- Wood

**Duro-Shield Acrylic** - 100% elastomeric acrylic roof coating designed to seal and protect a variety of substrates with positive drainage. Its brilliant white finish reflects the sun's rays, lowering heat buildup and reducing energy costs. When properly prepared and applied, can be used on the following roof substrates:

- Single-ply membranes (PVC, EPDM, Hypalon® CSPE)
- Mineral, granule-surface and smooth-surface BUR and modified bitumen
- Metal
- Wood

## Duro-Last® Roof Pavers

Made from 100% recycled vinyl, Duro-Last Roof Pavers are heavy-duty interlocking 24" x 24" pavers that protect Duro-Last Roofing Systems or other roofing systems from damage due to excessive traffic and maintenance work. They can also be used for rooftop patios, work areas or other high-traffic rooftop situations.

- Colors: Light gray, tan and terra cotta
- Compatible with new and existing Duro-Last Roofing System installations
- Bottom layer includes interlocking tabs along the edges, as well as channels for water flow
- Resilient to hail impacts
- 2-year Warranty included

## Duro-Last® ProTerm™

Duro-Last ProTerm is preformed, 100% recycled PVC used to retrofit multiple types of metal wall configurations for easier installation of Duro-Last wall terminations.

- Available in three standard sizes
- Replaces the need to cut wood blocks
- Pre-applied mastic strip with release paper
- Flat termination surface

## Safe Stuff PPE To Go

Duro-Last Safe Stuff PPE To Go products are designed to safeguard you, your employees and your customers against bacteria and viruses.

- Hand Sanitizer - 80% alcohol formula designed to prevent spread of infections; each 1-gallon jug includes empty 2 oz. and 4 oz. applicator bottles
- Sanitizing Wipes - Available in 8" x 18" and 12" x 24" to sanitize large surface area; durable rayon/poly material stands up to tough jobsite conditions
- Caution Tape - Easily create designated rooftop entrance and exit points, direct foot traffic, block off work areas and create safety flags

# Edge-to-Edge Solutions



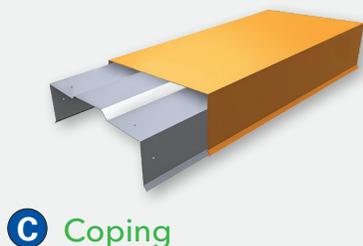
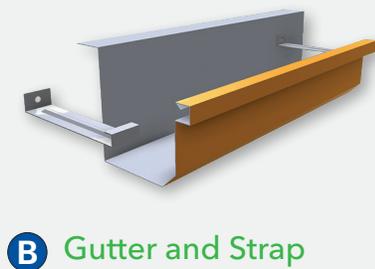
## Protection is in the Details

Our EXCEPTIONAL Metals division manufactures edge metal and accessories, as well as drainage products. We also manufacture unique membrane skirted products, including scuppers, conductors and collectors that are made with reinforced single-ply roofing membrane to provide unmatched strength at critical transitions.

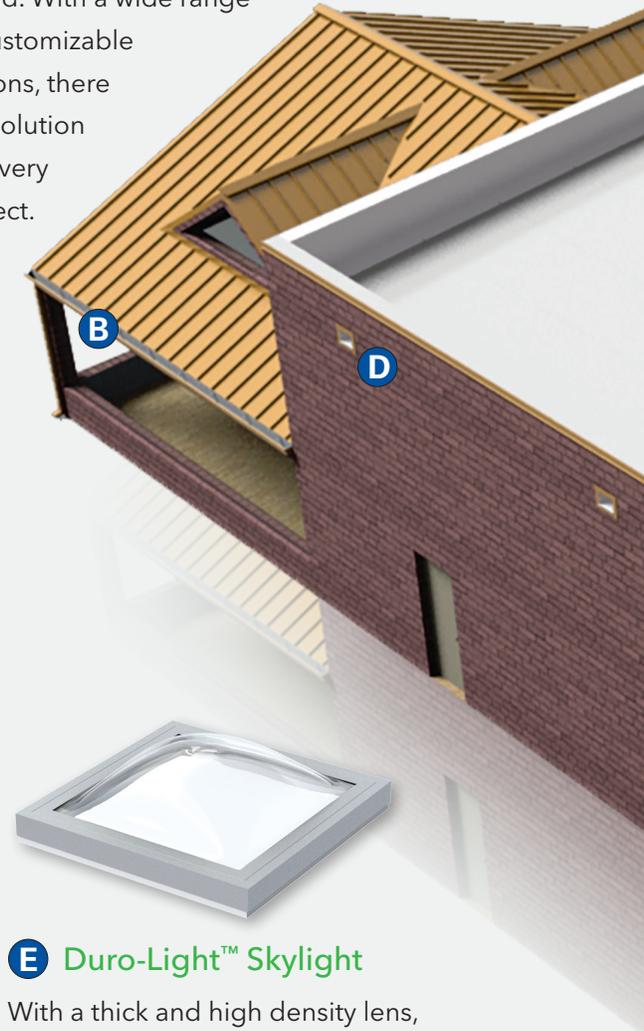
With EXCEPTIONAL Metals edge metal products, we offer a high-quality solution for edge metal that also has an aesthetic look for a variety of roofing needs - and a majority of our edge metal products are ES-1 compliant.

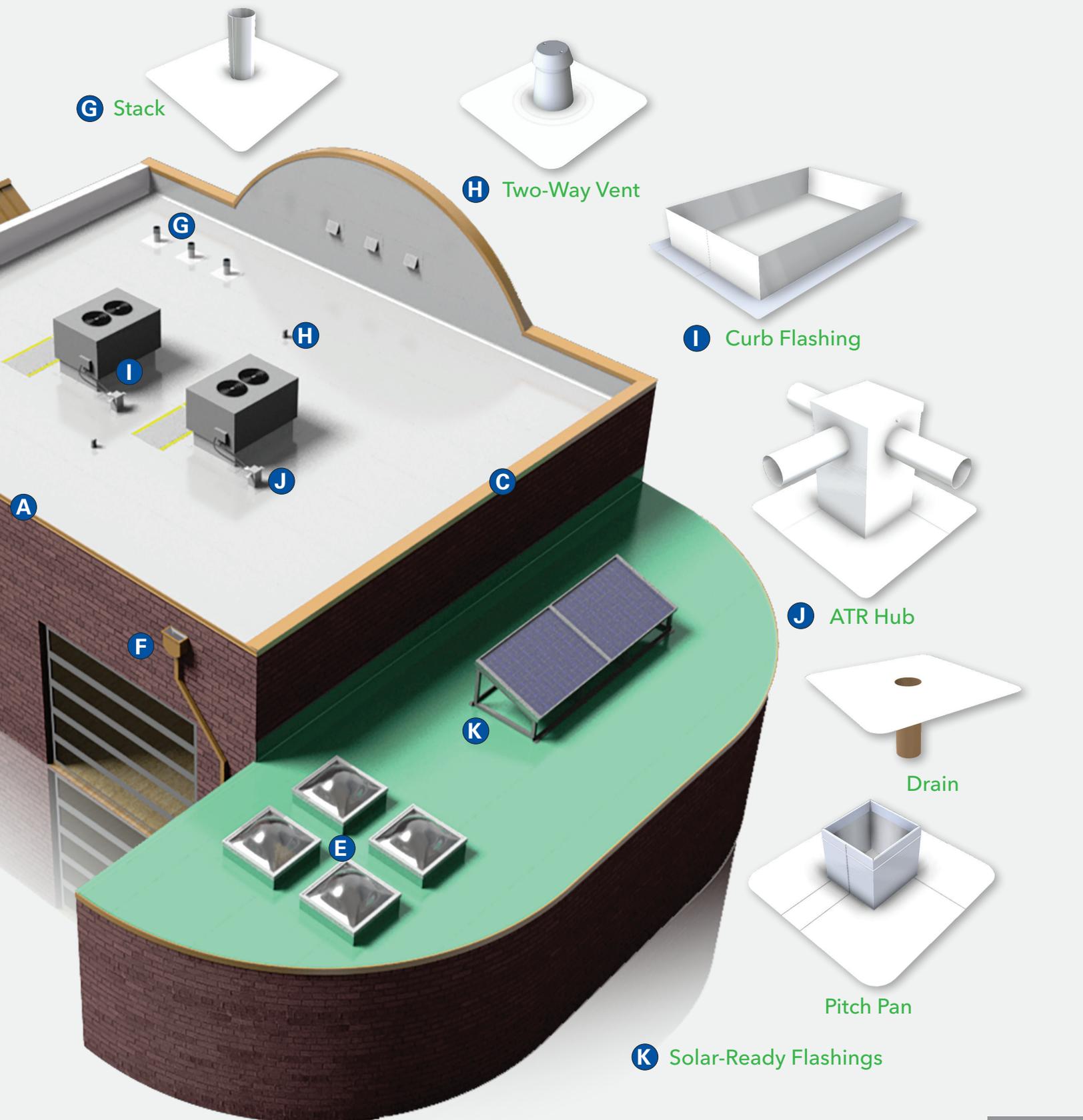
## Metal Roof and Wall Panels

EXCEPTIONAL Metals also offers a full line of metal roof and wall panel systems that are both aesthetically pleasing and structurally sound. With a wide range of customizable options, there is a solution for every project.



With a thick and high density lens, Duro-Light skylights get the job done at a value price with outstanding lifecycle cost benefits. Custom sizes are available.





# Deck-to-Sky and Installation Solutions

## Increasing Efficiency

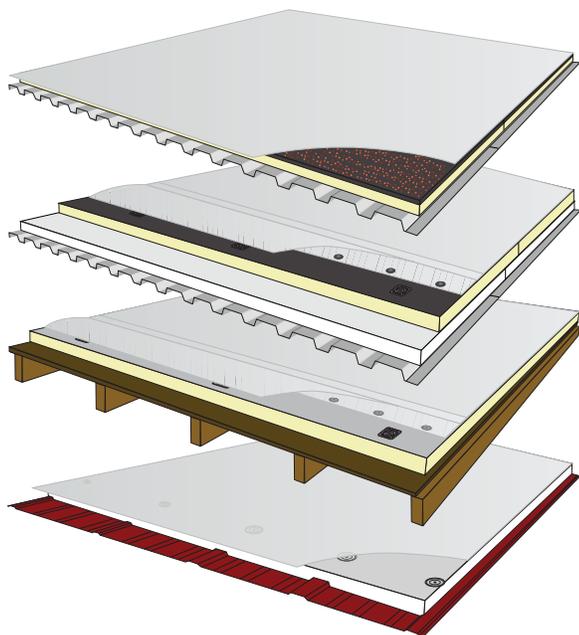
As a full roofing systems provider, Duro-Last offers many different products for fast and efficient roof installation, including:

### Fasteners

TIP-TOP® Screw Manufacturing, Inc., a sister company to Duro-Last, manufactures roofing fasteners including concrete screws, heavy-duty fasteners, construction fasteners, insulation fasteners and insulation plates for use with Duro-Last Roofing Systems and other applications.

### Adhesives

For adhered applications, Duro-Last offers both solvent-based and water-based adhesives for membrane, along with low-rise foam options for insulation and cover board applications.



## The Duro-Last Duro-Bond Roofing System

This system is a mechanically-attached installation option using non-penetrating "induction weld" technology. This technique bonds the Duro-Last PVC membrane to a PVC-coated fastening plate beneath the roofing membrane, which also fastens insulation and recovery board materials to the roof deck. The OMG RhinoBond® is the preferred induction fastening system.



## We've Got You Covered

Duro-Last offers complete roofing systems - with solutions from Edge-to-Edge & Deck-to-Sky. Deck-to-Sky options include everything from cover boards and vapor barriers to both polyisocyanurate (ISO) and expanded polystyrene (EPS) insulation. Additionally, insulation products from Duro-Last can contribute to roofing assembly best practices and play a critical role in reducing heat exchange. Through our easy ordering process, competitive pricing and logistical service support, our Duro-Guard® line of products is both cost-effective and convenient.

### Additional Duro-Guard Products Include:

- Duro-Guard EPS Flute Fill Combo
- Fan Fold
- DensDeck®, EVERBOARD®, Securock® and DEXcell® roof boards
- Duro-Last Vapor Barrier & Torch Down Vapor Barrier

# Reduce, Recycle, Reimagine

## Duro-Last was Sustainable Before it was Cool

Sustainability has been a part of the Duro-Last culture for more than 20 years. Our founder, John R. Burt, came up with the idea of reimagining old PVC roofs and manufacturing excess into resilient flooring, walkway pads and concrete expansion joints.

## Recycling

Duro-Last has a focus on recycling at every step of the product lifecycle. In addition to our manufacturing process that allows excess material to be recycled back into production, our custom-fabricated roof systems allow roofing contractors to reduce scrap on the job site - meaning less waste ends up in a landfill.

*To date, sister company Oscoda Plastics®, Inc., in partnership with Duro-Last, has recycled more than 100 million pounds of PVC material.*

## Energy

White Duro-Last Roofing Systems can greatly reduce energy consumption and electricity bills by exceeding industry standards for reflectivity and thermal emissivity.





# Manufacturers of the **World's Best Roof**<sup>®</sup> with proven performance since 1978

## Best-in-Class Warranties

Duro-Last leads the roofing industry with comprehensive warranty coverage. With our warranty groupings, we have a level of coverage right for any job.

### Duro-Last Supreme Warranties

- Offer consequential damage coverage
- Available for Duro-Last, Duro-Last X and Duro-Fleece Plus membranes

### Duro-Last Ultra Warranties

- Cover both material and labor
- 15 & 20-year NDL hail and/or high wind warranties

### Duro-Last Basic Warranties

- 15, 20, 25 & 30-year NDL warranties

### Duro-Last Residential Warranties

- 15 & 20-year warranties

## Inspection

Upon completion of a commercial job, a Duro-Last Quality Assurance Technical Representative will inspect the Duro-Last Roofing System.

Between the inspections in our manufacturing plant and on the roof, field seams are thoroughly examined.



## Spec Generator

Our Spec Generator makes it easy to specify and order Duro-Last. This online tool features the full spectrum of Duro-Last Roofing Systems along with corresponding warranties, technical data and roof details to ensure the best roofing solution for any situation.



For more information give us a call or visit our website today.

**800-248-0280**

[duro-last.com](http://duro-last.com)

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