

Welcome To

DURO-LAST®

– THE PROVEN PERFORMER®



As Chairman of the Board of Duro-Last, Inc., it is my pleasure to welcome you to Duro-Last – manufacturer of the “World’s Best Roof”®.

Over three decades of innovation and hard work have driven Duro-Last to become the largest manufacturer of prefabricated, thermoplastic, single-ply roofing systems in the country. We continually test and improve our products so that our customers receive high-quality materials that deliver watertight roof protection for years to come. We are also proud of our record of providing excellent service, giving our customers exactly what they need for a worry-free roof.

Whether you are an architect, specifier, facility manager, property manager, building owner or contractor, we hope the information in this manual will help you understand why the Duro-Last roofing system is The Proven Performer®, with over a billion square feet of membrane installed throughout North America.

We are committed to ensuring that your experience with Duro-Last is excellent. Please do not hesitate to contact me with any questions. We look forward to working with you on future roofing projects.

This Specification Manual has been prepared to provide information needed to install the Duro-Last roofing system. Additional resources, such as electronic versions of detail drawings and product data sheets can be obtained by visiting our web site at www.duro-last.com. If you have questions or are in need of assistance, please call us at 800-248-0280.

Cordially,

Jack Burt
Chairman of the Board



“THE WORLD’S BEST ROOF®”

Duro-Last, Inc. is the pioneer and one of the nation's largest manufacturers of custom prefabricated roofing systems. Every Duro-Last roofing system is prefabricated in one of four Duro-Last manufacturing plants to meet your specific roofing needs. Approximately 80% of the field seams and roughly 95% of the remaining critical areas (projections and perimeters) are welded under ideal factory conditions. The result is a consistent, high quality roofing system designed and manufactured for each building on which it's installed; a concept that renders other roofing systems obsolete. The Duro-Last single-ply membrane outperforms other roofing products in all critical areas.

We believe our warranties are the best in the industry. Commercial projects may be eligible for (at the choice of the building owner) either a 15-year or 20-year labor and material warranty. Residential projects receive a separate 15-year material warranty. The warranty section in this manual covers each warranty in detail. When a commercial roof installation is completed, a Duro-Last quality assurance specialist will inspect the roof for compliance with the Duro-Last specification. Upon final inspection, acceptance, and payment of all related invoices, Duro-Last will immediately issue the warranty to the Duro-Last contractor.

The Duro-Last roofing system meets or exceeds major national fire and wind code requirements as well as most of the regional approvals throughout the country. Duro-Last is approved by Factory Mutual Global (FMG), Underwriters Laboratories, Inc. in both the United States (UL) and Canada (ULC), and has been evaluated by the International Code Council (ICC) and is compliant with the International Building Code (IBC).

Duro-Last actively participates in the major technical committees in the roofing industry including the American Society of Testing Materials (ASTM), and the Single Ply Roofing Industry (SPRI), Cool Roof Rating Council (CRRC), and the United States Green Building Council (USGBC). In addition, Duro-Last maintains and continually updates a highly sophisticated in-house laboratory for quality control testing for all phases of manufacturing.

Duro-Last and its subsidiary companies employ more than 800 people, including 69 who are factory trained quality assurance specialists strategically located throughout the country. In addition, Duro-Last has a network of over 60 independent sales representatives based throughout North America.

As Duro-Last has grown into its position of distinction, several major industrial leaders, corporations and sources of specifications throughout the country have recognized Duro-Last for its technological contributions to the roofing industry. Nationally recognized roofing experts have visited the Duro-Last facility, and have stated that its quality control procedures are the best in the roofing industry.

Duro-Last was awarded the “State of Michigan New Product of the Year” award in 1986. Governor Blanchard presented Duro-Last's founder John R. Burt, with the “Small Businessman-Of-The-Year” award in 1987. In 1991, Burt was honored with the “Entrepreneur of the Year” award for the State of Michigan, and in 1997-1998, he was a finalist for this same award. Also in 1998, Burt received the “Vision of Free Enterprise” award followed by a special award in 1999, recognizing his outstanding contributions to the economy of Saginaw County. In 2003 Burt was posthumously awarded the "Excellence In Business" award by Davenport University.

Duro-Last's increasing penetration into commercial and institutional sectors has generated “controlled” growth at more than twice the rate of the roofing industry. As a result, Duro-Last has made major capital improvements and investments towards increased manufacturing capacity, allowing for growth and vertical integration of manufacturing as well as improved quality control of the entire Duro-Last Roofing System.

All of this translates into a roofing system that provides the consistent watertight integrity that building owners look for. By manufacturing virtually all of the components of the roofing system in its facilities, using rigorous quality-controlled procedures, and by providing the majority of the labor for “building” the roof system in its factory, Duro-Last minimizes the liabilities commonly associated with a roofing investment. Furthermore, Duro-Last backs its claims by offering the most comprehensive warranty coverage in the industry. In short, Duro-Last, Inc. is committed to the roofing industry. Duro-Last has earned the respect of the roofing and business communities throughout North America and has assumed a leading role in roofing manufacturing technology. Duro-Last looks forward to providing the best solution to your roofing needs.

FOREWORD

This manual is intended to create a good understanding of the specifications and conditions for the installation of the Duro-Last roofing system. There are hundreds, if not thousands, of different installation details, and not all can be covered. However, with a basic understanding, you will be able to accommodate almost any situation. Should you have any questions, do not hesitate to call Duro-Last, Inc. at 800-248-0280.

This manual does not attempt to make judgments on whether or not an existing roof system should be removed. Nor can this manual make structural judgments for weight considerations.

Use this manual as a guide for installing the Duro-Last roofing system. It will prove itself valuable in achieving an installation that will provide top-notch performance, security, longevity for the roof system and product satisfaction for the building owner.

NOTES

1. The authorized contractor is responsible for following all applicable building, plumbing, electrical, and any other local codes.
2. The authorized contractor is responsible for taking core cuts and conducting pull-out tests. These tests will be used to determine fastener type and length as well as to determine the condition of the existing roof deck and the presence of water in the existing roof system.
3. Duro-Last, Inc. does not approve of the practice of roofing over existing roof systems that contain moisture. This includes water that flows into openings created by core cuts or water that is discovered by squeezing the core sample taken from the existing roof system. Any decision to re-cover a roof containing moisture is the responsibility of both the installer and the building owner. Duro-Last, Inc. reserves the right to deny the issuance of a warranty in the instances where a Duro-Last Roofing System is installed over an existing roof system that contains moisture.
4. The authorized contractor is responsible for following standard roofing practices, proper safety procedures, and compliance with OSHA, as well as all state, local, and other safety rules, regulations, and codes. It is the responsibility of the roofing contractor to obtain any building permits and insurance necessary that are above and beyond what Duro-Last, Inc. may require.
5. The authorized contractor assumes the responsibility of assuring that the installed system meets or exceeds all project specifications. For special conditions, an authorized contractor may contact the Duro-Last Engineering Services Department for assistance. However, Duro-Last, Inc. is not and will not be responsible for any project specifications.
6. Duro-Last, Inc. is not responsible for any alterations to a roofing system (new or existing) which may change the thermal characteristics or dew point of the roofing assembly.
7. The sole purpose of the Duro-Last warranty inspection process is only to determine whether the Duro-Last roofing system was installed in accordance with Duro-Last's specifications. This inspection in no way extends to adjacent building components or other areas the Duro-Last quality assurance technical representative ("QA Tech Rep") may come in contact with, such as structural defects, architectural design or modifications made to the building by the installing contractor. The Duro-Last QA Tech Rep does not promote himself as knowledgeable about roofing or construction practices other than the proper installation of the Duro-Last roofing system. The ultimate goal of the inspection process is to confirm general compliance with Duro-Last, Inc.'s specifications and to ensure the overall watertight integrity of the Duro-Last Roofing System.



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