



Matting in Today's "Green Clean" Environment

Soil is everywhere and a part of everyday life. Managing it is an important part of our everyday existence. The U.S. Green Building Council has developed a rating system for new and existing buildings to promote the design and implementation of cleaning programs using environmentally preferable products and processes that have a lesser or reduced effect on human health and the environment. Strategies include the creation and maintenance of entrance systems and mats that prevent particles from entering the building. Recommendations include a minimum of 10-15 feet of quality matting products at entrances. At the heart of an entrance system is prevention of contaminants from entering a building. The result is buildings that are environmentally responsible and healthy places in which to live and work. Many products have been developed and sold to help keep soil at the door and out of the building. To be successful, the mat's construction and performance are essential to do what an entrance mat should do.

HOW MATTING HELPS

- 70% to 80% of floor-damaging soil is tracked in from daily traffic through building entrances.
- Tracked-in dirt damages all types of flooring -- carpet, tile, wood -- and creates dust.
- Unprotected entrance flooring can accumulate up to two pounds of dirt per square yard, more in inclement weather.
- It can cost, at a minimum, \$750 to remove one pound of dirt from a facility.
- Dirty, wet, and slippery floors are hazardous and present a poor image for a building and its occupants.

In any building, an entrance mat is the first line of defense against contaminants and particles entering the building. An entrance mat should:

1. **Stop soil and water.** 70% to 80% of all soil enters a building on the feet of the building occupants. High-performance mats are more effective at stopping soil from entering buildings.
2. **Contain soil and water for removal at a convenient time.** A high-performance scraper mat outside an entrance contains soil in a place where it can be removed effectively and safely with minimum impact on the building. A high-performance wiper mat reduces airborne dust contaminants and thereby improves a building's Indoor Air Quality (IAQ).

3. **Minimize tracking of contained soil and water into the building.** A high-performance wiper/scrapper mat with a dual-level construction will store soil and water below shoe level to prevent it from being transferred into the building. Mats that do not have this construction can flatten out over time and once soil is deposited on these mats, it can reattach to the shoe and be tracked further into the building.
4. **Provide a safe surface for traffic.** When water or moisture is present, a high-performance wiper/scrapper should contain the liquids within the structure of the mat and not allow them to seep onto the floor causing a potential slip/fall accident.

Choosing the right combination of mats for both inside and outside the building provides a safe, effective, and attractive surface. These are the features of Crown Mats and Matting's *high-performance* matting products.

1. Soil and mud control are kept outside by the unique scraping construction of Crown's Commercial Clean Machine®, Mat-A-Dor™, and Diamond-Deluxe Duet™ *high-performance* scraper products. Soil and water are scraped off and held by the mat away from foot traffic.
2. Safety is provided inside the building by the unique water displacement construction found in Crown's Tire-Track™ and Super-Soaker™ *high-performance* wiper/scrapper products. These products prevent water seepage onto the surrounding floor thereby protecting against slip/fall accidents.
3. Improved Indoor Air Quality (IAQ) is achieved due to the unique ability of Crown's Grounds-Keeper™ and Dust-Star™ *high-performance* wiper products. A *high-performance* wiper mat reduces airborne dust contaminants and thereby improves a building's IAQ.

With a variety of quality, *high-performance* product types, in an extensive array of sizes and colors, Crown's mat and matting products are an integral part of a "Green Clean" building entrance.

HOW MUCH IS ENOUGH?

90% of the soil brought into any building can be contained within the first 10 to 15 feet with an appropriate *high-performance* matting system.

DISPOSAL CONCERNS

One of the most important parts of the Green Building Program is concern for the environment, including the use of products that can help reduce the need for landfills. The key issue with mats is a mat's performance life. *High-performance* mats can have a performance life of many years. Many of Crown's *high-performance* products have extended warranties, some up to 6 years. Other mats with inexpensive construction have a 90 to 180-day performance life. To function effectively in a green

building, sustainability is key. Low-performance mats will need to be replaced more frequently causing a disposal issue.

HIGH-PERFORMANCE ENTRANCE MATS FROM CROWN MATS AND MATTING:

<u>Product</u>	<u>Warranty</u>
Commercial Clean Machine®	6 Year
Mat-a-Dor™	5 Year
Diamond-Deluxe™ Duet	3 Year
EcoPlus	
Marathon	
Tire-Track™	3 Year
Dura Dot	
Obdura	
Protura	
Dust-Star	
Super-Soaker™	3 Year
Super-Soaker™ Diamond	3 Year
Super-Soaker™ Fan	3 Year
Grounds-Keeper™	3 Year

About Crown Mats and Matting

For more than 60 years, Crown Mats and Matting has been a pioneer in the development and manufacture of matting products. Beginning with the invention of walk-off matting by the company's founder, R.P. Johnson, the company now has the most diverse matting product line offered in our industry. Crown sells matting through an extensive network of highly trained sales representatives throughout the United States and worldwide. These sales experts are familiar with the features and benefits of all matting systems and are able to help their clients find the right system for virtually any application.

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