

NATURAL PATINA DEVELOPMENT IN BRONZE FIXTURES

The Beauty of Bronze: A Living Finish

Bronze is a durable and corrosion-resistant metal commonly used in outdoor lighting. Over time, the fixture may develop a natural patina when exposed to environmental elements. This is a naturally occurring process that does not affect the fixture's performance and enhances its aesthetic appeal.



Factors That Influence Patina Development

The rate and appearance of patina depend on various factors, including:

- Moisture & Humidity – Increases oxidation, especially in rainy or humid climates.
- Salt Exposure – Coastal areas or saltwater pools accelerate patina formation.
- Air Pollution & Chemicals – High pollution levels contribute to faster oxidation.
- Sunlight & Temperature Changes – UV exposure and temperature fluctuations affect patina progression.



The Patina Process

The Natural Aging Process of Bronze Over Time:

- Initial Stage: Tru-Scapes bronze fixtures include an invisible protective film designed to delay the patina process. However, environmental factors such as moisture, salt exposure, and air quality can degrade this protective layer over time.
- Early Aging: A light chalky or dull film may form within months to years.
- Mature Patina: In humid or coastal areas, verdigris (greenish) tones can form quickly, sometimes bypassing the deep brown phase typically seen in untreated bronze.



Patina and Product Warranty

Understanding Coverage and Alternatives

- Patina is a natural process and does not affect functionality, so it is not covered under warranty. Its development depends on environmental factors like moisture, salt, and air quality.
- Tru-Scapes bronze fixtures remain durable and fully functional as patina forms, adding character over time.
- For those who prefer a consistent finish, Tru-Scapes offers powder-coated black fixtures, which do not undergo the patina process and maintain their original appearance.