



Imagine a floor that has been aged and weathered over time with traces of past traffic and peeling paint. Its “marks” are celebrated as part of the history that makes it interesting today. Add to that charm the ease of maintenance and high quality of an Italian inkjet porcelain, and Elios has a line that is sure to get people excited. It is rustic but would look equally appealing in a contemporary environment. There is a lot of variation and tiles must be blended from multiple boxes during installation.



Gunmetal (ESMSGL)



Plaster (ESMSPR)



Military Green (ESMSMG)



Lead (ESMSLD)

Colors are intended as a guide only and may vary from actual tile. Sizes listed are nominal. Please check samples before making final selection and to get actual dimensions for layout.

# PRODUCT INFORMATION

## Sizes

ESMS--/633 6 x 33

## Colors

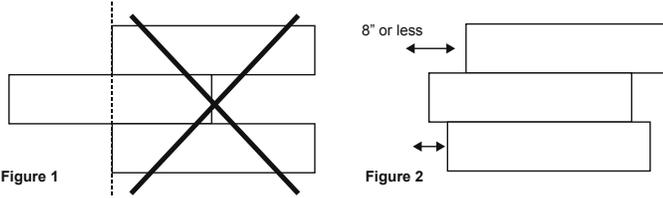
ESMSGL Gunmetal (Grey with Rust Tones)  
 ESMSLD Lead (Dark Grey)  
 ESMSMG Military Green (Green/Grey)  
 ESMSPR Plaster (White/Lt. Grey)

## Trim

The surface bullnose is made from field tile that is cut, ground and reglazed.

ESMS--/SBN 2 1/2 x 33 Surface Bullnose

## Installation Information



Before installing the tile you should:

- Ensure the perfect planarity (flatness) of underlying floor base.
- Always double-check the quality of the tiles.
- When setting, tile should be only slightly staggered so that the ends of the tiles are within 8" or less from the ends of the corresponding staggered tile. (See figures 1 & 2)
- Staggered spacing does not need to be uniform, but should not exceed 8" recommendation. (See figure 2)
- Always leave a joint of approximately 3mm between tiles.
- It is preferable to use grouting material that matches the color of the tiles.

## Usage

Marks is suitable for residential and moderate commercial use.

## Physical Characteristics

Physical Properties	Norms	Value
Water Absorption	10545-3	<0.5%
Frost Resistance	10545-12	Resistant
Stain Resistance	10545-14	Class 5
Slip Resistance	DIN51130	R10
Abrasion Resistance	10545-7	PEI IV
* Dynamic Coefficient of Friction	DCOF	Wet $\geq$ 0.42

\* The Coefficient of Friction is a general guide only. Testing may vary with different production runs and with different testing labs. As noted in the American with Disabilities Act (ADA) the coefficient of friction varies considerably due to facts not under the control of entities such as the manufacturers and distributors. These factors include, but are not limited to, contaminants, slope of terrain, drainage conditions, adjacent surfaces, etc. Suitability for any installation can only be determined by a site examination of all conditions that could affect the slip resistance of the tile being installed. Continual cleaning and maintenance must be performed once the tile has been installed. For more information see our current handout Americans with Disabilities Act and Slip Resistance of Tile.

## Deco

ESMS--/633M 6 X 33 Maori

Six designs packed randomly and sold by the square foot.

The six designs are sold randomly so orders may include duplicates of some patterns and omission of others. Care should be taken during installation to ensure the desired mix of patterns.

