

# AREA 51



Sustainable Tile, Made in the USA

# AREA 51

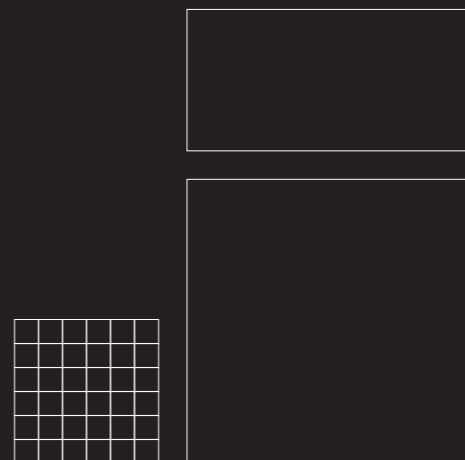
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Industrial design for any space.

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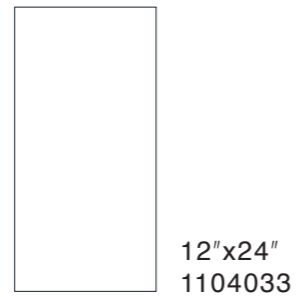
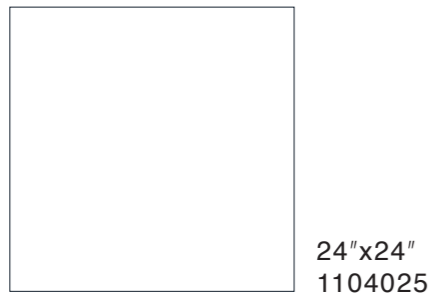
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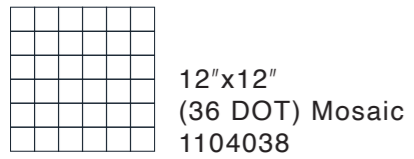
## COLOR



## SIZES



## MOSAIC

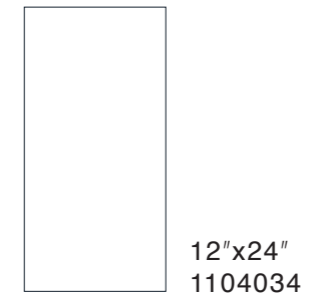


# WHITE

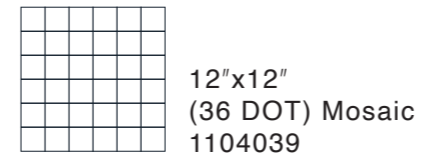
## COLOR



## SIZES



## MOSAIC



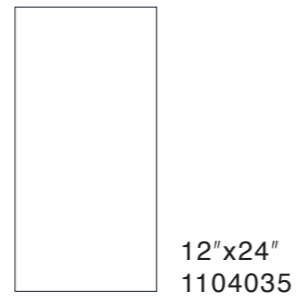
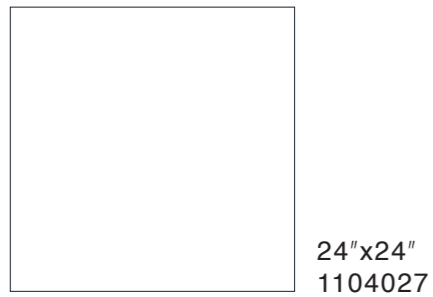
# CLAY

Colors shown may vary from actual product.  
Final selection should be made from actual product samples.

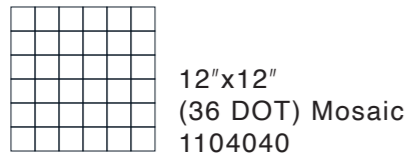
## COLOR



## SIZES



## MOSAIC

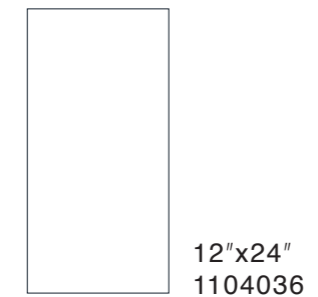


# STEEL

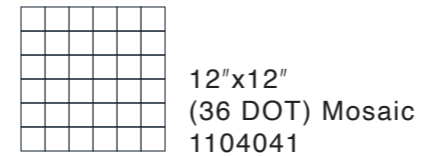
## COLOR



## SIZES



## MOSAIC



# BLACK

Colors shown may vary from actual product.  
Final selection should be made from actual product samples.





Wall: Area 51\_12"x12" (36 DOT) Mosaic\_White\_Matte  
Floor: Area 51\_24"x24" \_White\_Matte



Wall: Area 51\_12"x12" (36 DOT) Mosaic\_Clay\_Matte



Wall: Area 51\_12"x24'\_Clay\_Matte

Floor: Area 51\_24"x24'\_Clay\_Matte



Accent: JEM\_48"x110"\_Forte White\_Matte

Floor: Area 51\_24"x24"\_Steel\_Matte





Wall: Area 51\_12"x12" (36 DOT) Mosaic\_Steel\_Matte


















Wall: Area 51\_12"x12" (36 DOT) Mosaic\_Black\_Matte  
Floor: Area 51\_24"x24" \_Clay\_Matte



Wall: Urban Living\_3"x12"\_Pure\_Glossy  
Floor: Area 51\_24"x24"\_Black\_Matte

# Technical Specifications

This product meets or exceeds all standards described in ANSI A137.1.  
Este producto cumple o excede todos los estandares de ANSI A137.1.

	SPECS	TEST METHOD	INDUSTRY STANDARD	MILE <sup>®</sup> stone VALUES	
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%	
		ASTM C373	0.5%	Meeting the water absorption criteria of the American national standard PTCA	
	SURFACE WEAR RESISTANCE	ANSI A137.1	Surface Wear-resistance properties of glazed vitreous and porcelain tiles.	ALL RESIDENTIAL / COMMERCIAL	
	CHEMICAL RESISTANCE	ASTM C650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. No sample must show visible defects.	NOT AFFECTED	
	D.C.O.F. AcuTest <sup>®</sup>	ANSI A326.3	≥0.42 WET	≥0.42 WET	
	STAIN RESISTANCE	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning.	NOT AFFECTED	
	BREAKING STRENGTH	ASTM C648	≥250 lbf	8mm ≥300 lbf 10mm ≥400 lbf	
	RESISTANCE TO FREEZE	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.	RESISTANT	
	WARPAGE EDGE	ASTM C485	±0.40% or ±0.05 in (±1.8 mm)	± 0.40%	Rectified
	WARPAGE DIAGONAL	ASTM C485	±0.40% or ±0.07 in (±1.8 mm)	± 0.40%	Rectified
	WEDGING	ASTM C502	±0.25% or ±0.03 in (±0.8 mm)	± 0.25%	Rectified
	WARPAGE EDGE	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WARPAGE DIAGONAL	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WEDGING	ASTM C502	±0.50% or ±0.08 in (±2.0 mm)	± 0.50%	Calibrated
	THICKNESS	ASTM C499	Range: ± 0.04 in	≤0.04 in	

• Due to the inherent nature of fired porcelain tile, it is important to note that the coefficient of friction may vary within and between product runs.

# Packaging Specifications















SIZES	THICKNESS (MM)	PIECES PER BOX	UOM PER BOX	WEIGHT PER BOX	BOXES PER PALLET	UOM PER PALLET	WEIGHT PER PALLET*
<b>FIELD TILES</b>							
12"x24"	NOMINAL	8 mm	8	16 SF	54.4 LBS	48	768 SF, 2,611.2 LBS
24"x24"	NOMINAL	8 mm	4	16 SF	54.4 LBS	36	576 SF, 1,958.4 LBS
<b>MOSAICS</b>							
12"x12" (2"x2" 36 DOT) Mosaic	NOMINAL	8 mm	10	10 PCS	33 LBS	45	450 PCS, 1,485 LBS

\* WEIGHT PER PALLET DOES NOT INCLUDE PALLET WEIGHT ITSELF.  
ALL OTHER SIZES WILL BE PACKAGED AS ORDERED.

PLEASE CONTACT MILESTONE CUSTOMER SERVICE AT 1-877-356-7461 FOR PACKAGING INFORMATION.

MINIMUM GROUT SIZE RECOMMENDED = 5 MM (OR APPROX. 3/16") IF STAGGERED TILE PLACEMENT, WE RECOMMEND USING A 30% OFFSET. IF SPECIFIED BRICK PATTERN WITH 1/2 PATTERN MANDATORY, A BIGGER GROUT IS RECOMMENDED TO HIDE IMPERFECTIONS OF INSTALLATION (MINIMUM 1/4").

# Green Memberships & Accreditations

	DESCRIPTION
	Defines post-consumer content of as much as 3% recycled glass which reduces landfill impact.
	Defines pre-consumer content of as much as 45% recycled material which reduces our carbon footprint.
	Florim USA sources >95% raw material within a 500 mile radius, which results in a smaller carbon footprint.
	Tile Council of North America and the American National Standards Institute's standard for sustainability and environmental impact.
	A declaration that Florim USA values the environment and works daily to minimize our adverse impact upon it.
	The Health Product Declaration Collaborative transparency declaration for all of Florim USA's naturally occurring materials.
	Declare labels disclose all intentionally added ingredients and residuals present in the final product. Being Red List Free means the worst materials, chemicals, and elements for human and environmental health are not present within our products.
	Certification of plant and product specific Environmental Product Declaration (EPD) which tracks environmental impacts from the production of porcelain tile.
	Underwriter's Laboratories certification of low emitting materials. Florim USA is Green Guard Gold certified.
	Bureau Veritas Standards Program verifies and certifies both pre- and post-consumer recycled content.
	Florim USA actively participates in the Tile Council of North America which allows us to be on the forefront of advances in the tile industry and its standards.
	USGBC is committed to suit a more sustainable life. Florim USA supports this mission by manufacturing products which aid architects in achieving USGBC certification.
	Florim USA's sustainability and social practices support the mission of The International Living Future Institute which strives to create a socially just, culturally rich, and ecologically restorative community.
	The Tennessee Recycling Coalition is dedicated to promoting recycling and sustainable material management practices, and awarded Florim USA the Tennessee Recycler of the Year award for 2020.

## Progress that invests in the entire society

As an active member of the U.S. Green Building Council, MILE<sup>®</sup>stone spreads awareness to the community and encourages the use of building solutions through environmentally friendly practices. Our products positively contribute to the requirements for obtaining the LEED (Leadership in Energy and Environmental Design) and WELL (IWBI) certifications.

## A commitment to environmental sustainability and responsibility

We are committed to conscious development that minimizes the negative impact of manufacturing production on the environment. Our general approach to sustainability intersects with our business strategy to embrace three areas of responsibility: economic, social, and environmental. Some ways we prove this are:

- Products containing as much as 45% recycled content.
- Post-consumer recycled content levels as much as 3%.
- Zero industrial wastewater discharge.
- A 99% internal process recycling rate.
- Local sourcing of >95% raw materials (within 500-mile radius of factory) resulting in low transportation related carbon emissions.

MILE<sup>®</sup>stone is taking these and other steps, as well as actively investing to reduce carbon emissions to ensure that we reach full carbon neutrality by 2030.



MADE IN THE USA



TILEOPTIMA  
Ceramic Tiles • Porcelain Tiles • Natural Stone Tiles