

JEM



TILEOPTIMA
Hospitality division



JEM **composes a new symphony** for the marble effect.

Designed to enhance environments with the refined essence of the most noble marble, this collection inspires elegant and sophisticated atmospheres.

Comprised of 6 beautiful types of marble, JEM also features two large format sizes: 48"x48" and 48"x110", with the latter offering a stunning bookmatch option.

JEM

JOYFUL, EVASIVE MOTION





6 COLORS

- Adagio White
- Forte White
- Capriccio Grey
- Aria Gold
- Crescendo Blue
- Symphony Red

2 FINISHES

- Rectified Matte
- Rectified Polished

5 SIZES

3"x12"

12"x24"

24"x48"

48"x48"

48"x110"

JEM



**adagio
white**



**forte
white**



**capriccio
grey**



**aria
gold**



**crescendo
blue**



**symphony
red**



✦ 10 MM

1103587
RECTIFIED POLISHED 3"x12"

1103461
RECTIFIED MATTE 12"x24"
1103467
RECTIFIED POLISHED 12"x24"
1103420
RECTIFIED MATTE 24"x48"
1103427
RECTIFIED POLISHED 24"x48"

1103474
MATTE MOSAIC HEX 2"
1103480
POLISHED MOSAIC HEX 2"
1103486
MATTE MOSAIC 12"x12"
1103492
POLISHED MOSAIC 12"x12"
1103498
MATTE BULLNOSE 3"x12"
1103504
POLISHED BULLNOSE 3"x12"

✦ 10 MM

1103590
RECTIFIED POLISHED 3"x12"

1103464
RECTIFIED MATTE 12"x24"
1103470
RECTIFIED POLISHED 12"x24"
1103423
RECTIFIED MATTE 24"x48"
1103430
RECTIFIED POLISHED 24"x48"

1103477
MATTE MOSAIC HEX 2"
1103483
POLISHED MOSAIC HEX 2"
1103489
MATTE MOSAIC 12"x12"
1103495
POLISHED MOSAIC 12"x12"
1103501
MATTE BULLNOSE 3"x12"
1103507
POLISHED BULLNOSE 3"x12"

✦ 10 MM

1103586
RECTIFIED POLISHED 3"x12"

1103460
RECTIFIED MATTE 12"x24"
1103466
RECTIFIED POLISHED 12"x24"
1103419
RECTIFIED MATTE 24"x48"
1103426
RECTIFIED POLISHED 24"x48"

1103473
MATTE MOSAIC HEX 2"
1103479
POLISHED MOSAIC HEX 2"
1103485
MATTE MOSAIC 12"x12"
1103491
POLISHED MOSAIC 12"x12"
1103497
MATTE BULLNOSE 3"x12"
1103503
POLISHED BULLNOSE 3"x12"

✦ 10 MM

1103588
RECTIFIED POLISHED 3"x12"

1103462
RECTIFIED MATTE 12"x24"
1103468
RECTIFIED POLISHED 12"x24"
1103421
RECTIFIED MATTE 24"x48"
1103428
RECTIFIED POLISHED 24"x48"

1103475
MATTE MOSAIC HEX 2"
1103481
POLISHED MOSAIC HEX 2"
1103487
MATTE MOSAIC 12"x12"
1103493
POLISHED MOSAIC 12"x12"
1103499
MATTE BULLNOSE 3"x12"
1103505
POLISHED BULLNOSE 3"x12"

✦ 10 MM

1103589
RECTIFIED POLISHED 3"x12"

1103463
RECTIFIED MATTE 12"x24"
1103469
RECTIFIED POLISHED 12"x24"
1103422
RECTIFIED MATTE 24"x48"
1103429
RECTIFIED POLISHED 24"x48"

1103476
MATTE MOSAIC HEX 2"
1103482
POLISHED MOSAIC HEX 2"
1103488
MATTE MOSAIC 12"x12"
1103494
POLISHED MOSAIC 12"x12"
1103500
MATTE BULLNOSE 3"x12"
1103506
POLISHED BULLNOSE 3"x12"

✦ 10 MM

1103591
RECTIFIED POLISHED 3"x12"

1103465
RECTIFIED MATTE 12"x24"
1103471
RECTIFIED POLISHED 12"x24"
1103424
RECTIFIED MATTE 24"x48"
1103431
RECTIFIED POLISHED 24"x48"

1103478
MATTE MOSAIC HEX 2"
1103484
POLISHED MOSAIC HEX 2"
1103490
MATTE MOSAIC 12"x12"
1103496
POLISHED MOSAIC 12"x12"
1103502
MATTE BULLNOSE 3"x12"
1103508
POLISHED BULLNOSE 3"x12"

48"x110"



48"x48"

**adagio
white**



✦ 6 MM

1103374
RECTIFIED MATTE 48"x110"
1103380
RECTIFIED POLISHED 48"x110"

✦ 10 MM

1103362
RECTIFIED MATTE 48"x48"
1103368
RECTIFIED POLISHED 48"x48"

**forte
white**



✦ 6 MM

1103377
RECTIFIED MATTE 48"x110"
1103383
RECTIFIED POLISHED 48"x110"

✦ 10 MM

1103365
RECTIFIED MATTE 48"x48"
1103371
RECTIFIED POLISHED 48"x48"

BOOKMATCH



✦ 6 MM

1103391
RECTIFIED POLISHED 48"x110"
BOOKMATCH A
1103392
RECTIFIED POLISHED 48"x110"
BOOKMATCH B

**capriccio
grey**



BOOKMATCH



✦ 6 MM

1103373
RECTIFIED MATTE 48"x110"
1103379
RECTIFIED POLISHED 48"x110"

✦ 10 MM

1103361
RECTIFIED MATTE 48"x48"
1103367
RECTIFIED POLISHED 48"x48"

✦ 6 MM

1103385
RECTIFIED POLISHED 48"x110"
BOOKMATCH A
1103386
RECTIFIED POLISHED 48"x110"
BOOKMATCH B

**aria
gold**



BOOKMATCH



✦ 6 MM

1103375
RECTIFIED MATTE 48"x110"
1103381
RECTIFIED POLISHED 48"x110"

✦ 10 MM

1103363
RECTIFIED MATTE 48"x48"
1103369
RECTIFIED POLISHED 48"x48"

✦ 6 MM

1103393
RECTIFIED POLISHED 48"x110"
BOOKMATCH A
1103394
RECTIFIED POLISHED 48"x110"
BOOKMATCH B

crescendo blue



BOOKMATCH



✧ 6 MM

1103376
RECTIFIED MATTE 48"x110"
1103382
RECTIFIED POLISHED 48"x110"

✧ 10 MM

1103364
RECTIFIED MATTE 48"x48"
1103370
RECTIFIED POLISHED 48"x48"

✧ 6 MM

1103387
RECTIFIED POLISHED 48"x110"
BOOKMATCH A
1103388
RECTIFIED POLISHED 48"x110"
BOOKMATCH B

symphony red



BOOKMATCH



✧ 6 MM

1103378
RECTIFIED MATTE 48"x110"
1103384
RECTIFIED POLISHED 48"x110"

✧ 10 MM

1103366
RECTIFIED MATTE 48"x48"
1103372
RECTIFIED POLISHED 48"x48"

✧ 6 MM

1103389
RECTIFIED POLISHED 48"x110"
BOOKMATCH A
1103390
RECTIFIED POLISHED 48"x110"
BOOKMATCH B



ACCENT: JEM_48"x110"_ADAGIO WHITE_MATTE

FLOOR: JEM_48"x48"_ADAGIO WHITE_POLISHED



WALL: JEM_48"x110"_ADAGIO WHITE_POLISHED

FLOOR: JEM_24"x48"_ADAGIO WHITE_MATTE





ACCENT: JEM_48"x110" BOOKMATCH_FORTE WHITE_POLISHED

FLOOR: JEM_48"x110" _FORTE WHITE_POLISHED



FLOOR: JEM_12"x24"_FORTE WHITE_MATTE

WALL: JEM_48"x110"_FORTE WHITE_POLISHED



WALL: JEM_3"x12" _CAPRICCIO GREY_POLISHED



WALL: JEM_48"x110" _CAPRICCIO GREY_MATTE

FLOOR: JEM_48"x48" _CAPRICCIO GREY_MATTE



WALL: JEM_48"x110" BOOKMATCH_CAPRICCIO GREY_POLISHED

ACCENT: JEM_48"x110" _CAPRICCIO GREY_MATTE

FLOOR: JEM_48"x48" _CAPRICCIO GREY_POLISHED



WALL: JEM_48"x110" BOOKMATCH_ARIA GOLD_POLISHED

FLOOR: JEM_48"x48" _ARIA GOLD_POLISHED



WALL: JEM_48"x110"_ARIA GOLD_MATTE



FLOOR: JEM_48"x48"_ARIA GOLD_MATTE



WALL: JEM_48"x110" BOOKMATCH_CRESCENDO BLUE _POLISHED

FLOOR: JEM_24"x48" _CRESCENDO BLUE_MATTE - JEM_HEXAGON MOSAIC 2" _CRESCENDO BLUE_MATTE



SHOWER WALL: JEM_3"x12"_CRESCENDO BLUE_POLISHED

SHOWER FLOOR: JEM_HEXAGON MOSAIC 2"_CRESCENDO BLUE_MATTE

WALL: JEM_48"x110" BOOKMATCH_CRESCENDO BLUE_POLISHED

FLOOR: JEM_48"x48"_CRESCENDO BLUE_MATTE





WALL: JEM_48"x110" BOOKMATCH_SYMPHONY RED_POLISHED

ACCENT: JEM_48"x110" _SYMPHONY RED_POLISHED

FLOOR: NATIVE_8"x48" _PINE_MATTE



WALL: JEM_3"x12" _SYMPHONY RED_POLISHED



Rectified-color body

COLOR BODY



Colors	48"x110" 6 mm	3"x12" 10 mm	12"x24" 10 mm	24"x48" 10 mm	48"x48" 10 mm	HEX 2" mosaic	12"x12" mosaic (2"x2")	3"x12" bullnose
ADAGIO WHITE	1103374 Matte 1103380 Polished	1103587 Polished	1103461 Matte 1103467 Polished	1103420 Matte 1103427 Polished	1103362 Matte 1103368 Polished	1103474 Matte 1103480 Polished	1103486 Matte 1103492 Polished	1103498 Matte 1103504 Polished
FORTE WHITE	1103377 Matte 1103383 Polished Polished 1103391 BOOKMATCH A Polished 1103392 BOOKMATCH B	1103590 Polished	1103464 Matte 1103470 Polished	1103423 Matte 1103430 Polished	1103365 Matte 1103371 Polished	1103477 Matte 1103483 Polished	1103489 Matte 1103495 Polished	1103501 Matte 1103507 Polished
CAPRICCIO GREY	1103373 Matte 1103379 Polished Polished 1103385 BOOKMATCH A Polished 1103386 BOOKMATCH B	1103586 Polished	1103460 Matte 1103466 Polished	1103419 Matte 1103426 Polished	1103361 Matte 1103367 Polished	1103473 Matte 1103479 Polished	1103485 Matte 1103491 Polished	1103497 Matte 1103503 Polished
ARIA GOLD	1103375 Matte 1103381 Polished Polished 1103393 BOOKMATCH A Polished 1103394 BOOKMATCH B	1103588 Polished	1103462 Matte 1103468 Polished	1103421 Matte 1103428 Polished	1103363 Matte 1103369 Polished	1103475 Matte 1103481 Polished	1103487 Matte 1103493 Polished	1103499 Matte 1103505 Polished
CRESCENDO BLUE	1103376 Matte 1103382 Polished Polished 1103387 BOOKMATCH A Polished 1103388 BOOKMATCH B	1103589 Polished	1103463 Matte 1103469 Polished	1103422 Matte 1103429 Polished	1103364 Matte 1103370 Polished	1103476 Matte 1103482 Polished	1103488 Matte 1103494 Polished	1103500 Matte 1103506 Polished
SYMPHONY RED	1103378 Matte 1103384 Polished Polished 1103389 BOOKMATCH A Polished 1103390 BOOKMATCH B	1103591 Polished	1103465 Matte 1103471 Polished	1103424 Matte 1103431 Polished	1103366 Matte 1103372 Polished	1103478 Matte 1103484 Polished	1103490 Matte 1103496 Polished	1103502 Matte 1103508 Polished

Packaging Specifications

SIZES	THICKNESS (MM)	PIECES PER BOX	UOM PER BOX	WEIGHT PER BOX	BOXES PER PALLET	UOM PER PALLET	WEIGHT PER PALLET*
FIELD TILES							
3"x12" RECTIFIED POLISHED	NOMINAL	10 mm	12	3 SF	12.9 LBS	168	504 SF, 2,167.2 LBS
24"x48" RECTIFIED MATTE/POLISHED	NOMINAL	10 mm	2	16 SF	76.8 LBS	32	512 SF, 2,457.6 LBS
12"x24" RECTIFIED MATTE/POLISHED	NOMINAL	10 mm	6	12 SF	52.8 LBS	48	576 SF, 2,534.4 LBS
48"x48" RECTIFIED MATTE/POLISHED	NOMINAL	10 mm	2	31 SF	117.8 LBS	20	620 SF, 2,356 LBS
48"x110" RECTIFIED MATTE/POLISHED	NOMINAL	6 mm	1	36.167 SF	108.5 LBS	20	723.34 SF, 2,170 LBS
MOSAIC AND COORDINATING TRIMS							
2" HEXAGON MOSAIC MATTE/POLISHED	NOMINAL	10 mm	10	10 PCS	40 LBS	45	450 PCS, 1,800 LBS
12"x12" MOSAIC (2"x2"-36 DOT) MATTE/POLISHED	NOMINAL	10 mm	10	10 PCS	40 LBS	45	450 PCS, 1,800 LBS
3"x12" BULLNOSE MATTE/POLISHED	NOMINAL	10 mm	12	12 PCS	12.9 LBS	168	2,016 PCS, 2,167.2 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").

Technical Specifications

This product meets or exceeds all standards described in ANSI A137.1.

	SPECS	TEST METHOD	INDUSTRY STANDARD	MILE ^{stone} VALUES
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%
	CERTIFIED PORCELAIN TILE <small>0.5% or less water absorption</small>	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®	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.

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.
	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.

This product meets or exceeds all standards described in ANSI A137.1.

Este producto cumple o excede todos los estandares de ANSI A137.1.

Progress that invests in the entire society

As an active member of the U.S Green Building Council, MILE[®]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[®]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.



Cleaning & Maintenance / Routine Care Instructions

MADE IN THE USA

