

Fully Vitrified Tile for Industrial Floors Product Catalog



Automotive

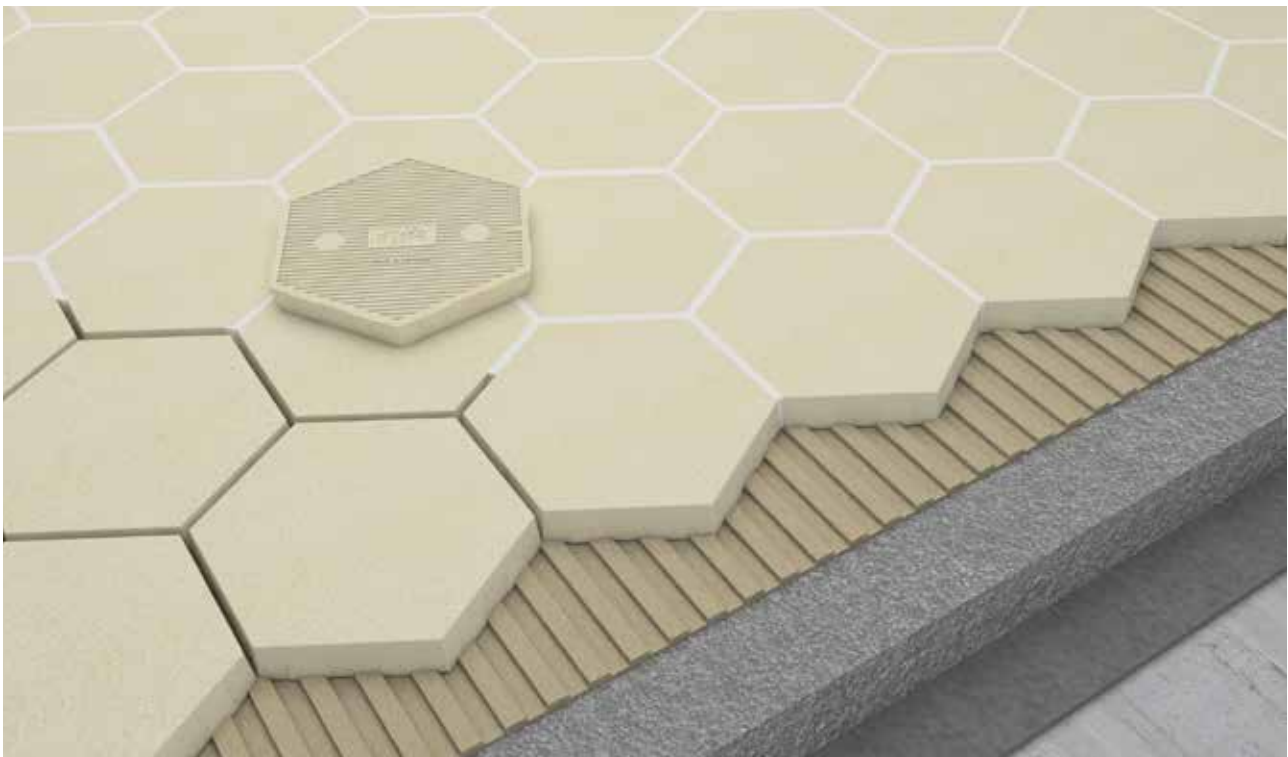


Food & Beverage

durable. hygienic. sustainable

High-Performance Industrial Flooring Solutions

Engineered for Demanding Environments. This product catalog provides a clear overview of our durable industrial tile solutions – covering a wide variety of sizes, colors, surfaces, specialty pieces, and technical details such as installation methods, slip-resistance ratings, and application areas. For over 150 years, Argelith has been synonymous with high-performance flooring that stands up to the toughest demands. Backed by state-of-the-art manufacturing, strict quality control, streamlined logistics, and knowledgeable customer support, we deliver flooring solutions that combine strength, hygiene, and long-term value.



Argelith's management systems are certified to:
ISO 9001:2015
ISO 50001:2018



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Fully Vitrified Tiles – Built to Perform

Argelith fully vitrified tiles are engineered for demanding industrial environments. Their dense body and extremely low water absorption provide high resistance to deep abrasion, staining, and many commonly encountered chemicals, while a range of textured surfaces allows the appropriate slip-resistance level to be selected for each application. Product performance is verified through rigorous quality testing using applicable DIN EN ISO 10545 methods and classification in accordance with DIN EN 14411, Annex G. The result is an attractive, durable tile designed for reliable, long-term performance.

Why Choose Argelith Fully Vitrified Tiles?

✓ Built to Last

- High breaking strength and resistance to deep abrasion
- Designed for heavy mechanical loads and intensive use
- Tested for resistance to thermal shock
- Frost-resistant and suitable for exterior use with an appropriate installation system

✓ Designed for Demanding Environments

- Tested for resistance to household chemicals, pool salts, acids, and alkalis
- High stain resistance supports effective routine cleaning
- Slip-resistance options from R10 through R13, including displacement-space classifications up to V10
- Water absorption below 0.1% for an exceptionally dense tile body

✓ Hygienic & Sustainable

- Dense, low-absorption construction supports effective cleaning and sanitation
- Suitable for hygienic facility designs and HACCP- and EHEDG-based hygiene concepts
- Long service life and localized reparability help reduce material replacement
- Environmental Product Declaration available

✓ Precision & Practicality

- Dimensional conformity verified in accordance with DIN EN 14411, Annex G
- Multiple formats and specialty pieces support slopes, drains, cove bases, and corners
- Individual tiles can be removed and replaced for localized repairs

Technical Data: Representative Test Results: Hexalith® 18 mm (nominal 3/4"), Light Gray, R11

Property	Value
Dimensional Tolerance	Meets DIN EN 14411, Annex G requirements (tested in accordance with DIN EN ISO 10545-2)
Thickness Tolerance	-0.4 to -0.3 mm; requirement ± 0.5 mm
Surface Quality	0% defects in tested sample
Water Absorption	0.01% by mass
Modulus of Rupture	65.0 N/mm ² ; requirement ≥ 35 N/mm ²
Breaking Strength (≥ 7.5 mm thickness)	12,897 N; requirement $> 1,300$ N
Deep Abrasion Resistance	133 mm ³
Thermal Shock Resistance	Pass
Frost Resistance	Pass
Resistance to Household Chemicals & Pool Salts	Class A
Resistance to Acids and Alkalis (Low/High Conc.)	Class LA/Class HA
Stain Resistance (Chromium Green, Iodine, Olive Oil)	Class 5

Testing was conducted using the applicable DIN EN ISO 10545 methods. The tested properties meet the requirements of DIN EN 14411, Annex G. Results apply to the tested Hexalith® 18 mm, Light Gray, R11 product. Complete test documentation is available upon request.

Built to Handle the Pressure

Whether it's a food processing plant, automotive workshop, laboratory, chemical facility, or airplane hangar, industrial environments demand flooring that performs under pressure. Requirements for slip resistance, hygiene, and load-bearing capacity can vary widely – and Argelith delivers on all fronts. Our fully vitrified tiles provide a strong, hygienic, and long-lasting foundation for even the most demanding applications.



mvtec® Performance Surface Finish on Argelith Fully Vitrified Tiles



Argelith fully vitrified tiles are unglazed and feature the proprietary mvtec® performance surface, combining specified slip-resistance performance with enhanced cleanability. Finely ground, transparent hard materials are fused to the tile surface as glass frits, creating a durable finish that helps reduce soil retention and supports effective routine cleaning. The dense tile body and durable surface also resist temperature fluctuations and support properly specified steam-cleaning procedures.

Cleaning requirements vary depending on the application, surface profile, and type of soil. A well-designed maintenance program supports hygienic conditions and helps preserve the floor's appearance and performance. Argelith works closely with FILA Chemicals USA, Corp., the U.S. operation of FILA Solutions and a leading supplier of cleaning and maintenance products for ceramic floors. Together, we provide guidance on initial cleaning, routine maintenance, and appropriate cleaning products to help protect the tile installation throughout its service life.



Color Options Built for Performance

Our tiles are available in six standard colors – Titan Gray, Light Gray, Anthracite, Beige, Sand Yellow, and Mars Red – selected to meet the functional and aesthetic needs of demanding industrial spaces. In addition to our standard range, we offer numerous special colors and custom tones to suit your project’s unique requirements.



Surface Finishes for Every Application: From smooth finishes to knobbed profiles, Argelith offers six surface options designed to meet a range of slip-resistance and cleaning requirements.



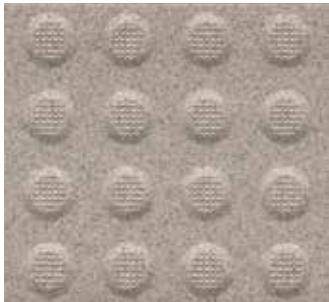
R10 Smooth



R11/R12



R13



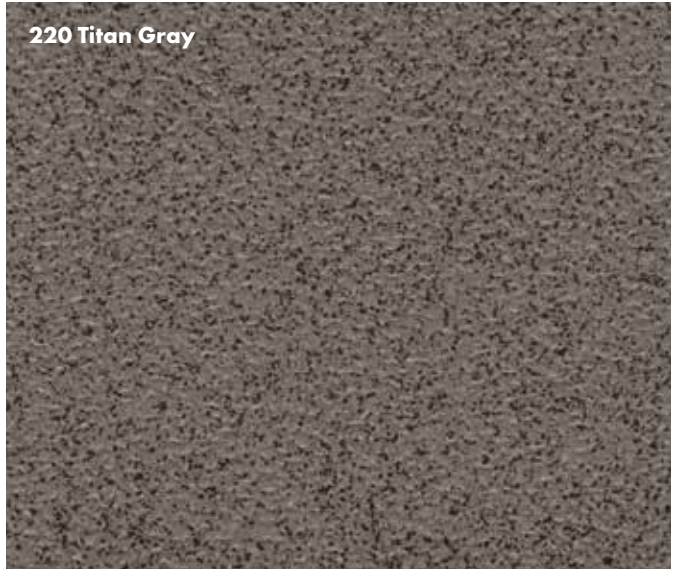
R12 V06/R13 V10

Standard Colors

200 Light Gray



220 Titan Gray



230 Anthracite



300 Beige



400 Sand Yellow



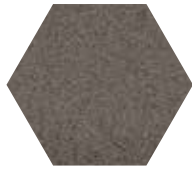
510 Mars Red



Hexagon Tiles Hexalith®



200 Light Gray



220 Titan Gray



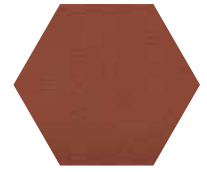
230 Anthracite



300 Beige



400 Sand Yellow



510 Mars Red

Hexagon 4-1/4" x 5"

Color	Thick- ness	Surface (Slip Resistance)					Pieces/ Sq. Ft. (incl. Joint)	Pieces/ Box	Sq. Ft./ Box	Sq. Ft./ Pallet	Lbs./ Pallet
200 Light Gray	5/8"	–	R11	–	–	–	9.06	48	5.30	approx. 334	approx. 2,400
	3/4"	R10	R11	R12	R12/V06	R13/R13 V10*	8.97	40	4.46	approx. 281	approx. 2,375
220 Titan Gray	5/8"	–	R11	–	–	–	9.06	48	5.30	approx. 334	approx. 2,400
	3/4"	–	R11	–	–	–	8.97	40	4.46	approx. 281	approx. 2,375
230 Anthracite	5/8"	–	R11	–	–	–	9.06	48	5.30	approx. 334	approx. 2,400
	3/4"	–	R11	–	–	–	8.97	40	4.46	approx. 281	approx. 2,375
300 Beige	5/8"	–	R11	–	–	–	9.06	48	5.30	approx. 334	approx. 2,400
	3/4"	R10	R11	R12	R12/V06	R13/R13 V10*	8.97	40	4.46	approx. 281	approx. 2,375
400 Sand Yellow	3/4"	–	R11	–	–	–	8.97	40	4.46	approx. 281	approx. 2,375
510 Mars Red	3/4"	–	R11	–	–	–	8.97	40	4.46	approx. 281	approx. 2,375

Other colors and surfaces available on request. Possible color deviations are due to printing technology. Sizes shown are nominal U.S. trade sizes. Actual tile dimensions are based on metric manufacturing sizes and may differ from the nominal dimensions to accommodate grout joints. Refer to the applicable product data sheet for exact dimensions and tolerances.

*Available on request.

Hexalith® – Engineered for Food and Beverage Production

Hexalith® is a fully vitrified hexagonal tile developed for demanding wet and dry areas in industrial and commercial facilities, particularly food and beverage processing environments. Its compact hexagonal format accommodates changes in slope and detailing around drains, helping installers create consistent layouts in complex floor areas. Precisely formed edges support tight, uniform grout joints, while the available textured surfaces provide application-specific slip resistance and support effective routine cleaning as part of a properly designed and maintained flooring system.

Finishing Tiles



Point Finishing Tiles



Blunt Finishing Tiles

Finishing Tiles	Pieces/Ln. Ft.
Point	3
Blunt	1.5

For additional accessories, see pages 14–15.

Rectangular Tiles



200 Light Gray



220 Titan Gray



230 Anthracite



300 Beige



400 Sand Yellow



510 Mars Red

Rectangular 4" × 8"

Color	Thick- ness	Surface (Slip Resistance)					Pieces/ Sq. Ft. (incl. Joint)	Pieces/ Box	Sq. Ft./ Box	Sq. Ft./ Pallet	Lbs./ Pallet
200 Light Gray	5/8"	R10	R11	R12	R12/V06	–	4.65	26	5.60	approx. 336	approx. 2,235
	3/4"	R10	R11	R12	R12/V06	R13/R13 V10*	4.65	22	4.73	approx. 284	approx. 2,328
220 Titan Gray	5/8"	R10	R11	R12	R12/V06	–	4.65	26	5.60	approx. 336	approx. 2,235
	3/4"	R10	R11	R12	R12/V06	–	4.65	22	4.73	approx. 284	approx. 2,328
230 Anthracite	5/8"	R10	R11	R12	R12/V06	–	4.65	26	5.60	approx. 336	approx. 2,235
	3/4"	–	R11	R12	R12/V06	–	4.65	22	4.73	approx. 284	approx. 2,328
300 Beige	5/8"	–	R11	–	–	–	4.65	26	5.60	approx. 336	approx. 2,235
	3/4"	R10	R11	R12	R12/V06	R13/R13 V10*	4.65	22	4.73	approx. 284	approx. 2,328
400 Sand Yellow	5/8"	–	R11	–	–	–	4.65	26	5.60	approx. 336	approx. 2,235
	3/4"	–	R11	–	–	–	4.65	22	4.73	approx. 284	approx. 2,328
510 Mars Red	5/8"	R10	R11	R12	R12/V06	–	4.65	26	5.60	approx. 336	approx. 2,235
	3/4"	R10	R11	R12	R12/V06	–	4.65	22	4.73	approx. 284	approx. 2,328

*Available on request.

Rectangular 4-1/2" × 9-1/2"

300 Beige	5/8"	–	R11	–	–	–	3.07	26	8.48	approx. 381	approx. 2,423
	3/4"	–	R11	–	–	–	3.07	22	7.18	approx. 322	approx. 2,447
400 Sand Yellow	5/8"	–	R11	–	–	–	3.07	26	8.48	approx. 381	approx. 2,423
	3/4"	–	R11	–	–	–	3.07	22	7.18	approx. 322	approx. 2,447
510 Mars Red	5/8"	R10	R11	R12	–	–	3.07	26	8.48	approx. 381	approx. 2,423
	3/4"	R10	R11	R12	–	–	3.07	22	7.18	approx. 322	approx. 2,447

Other colors and surfaces available on request. Possible color deviations are due to printing technology. Sizes shown are nominal U.S. trade sizes. Actual tile dimensions are based on metric manufacturing sizes and may differ from the nominal dimensions to accommodate grout joints. Refer to the applicable product data sheet for exact dimensions and tolerances.

Square Tiles



200 Light Gray



220 Titan Gray



230 Anthracite



300 Beige

Square 8" × 8"

Color	Thick- ness	Surface (Slip Resistance)				Pieces/ Sq. Ft. (incl. Joint)	Pieces/ Box	Sq. Ft./ Box	Sq. Ft./ Pallet	Lbs./ Pallet
200 Light Gray	5/8"	R10	R11	R12	R12/V06	2.33	13	5.60	approx. 336	approx. 2,304
	3/4"	R10	R11	R12	R12/V06	2.33	11	4.72	approx. 285	approx. 2,329
220 Titan Gray	5/8"	R10	R11	R12	R12/V06	2.33	13	5.60	approx. 336	approx. 2,304
	3/4"	R10	R11	R12	R12/V06	2.33	11	4.72	approx. 285	approx. 2,329
230 Anthracite	5/8"	R10	R11	R12	R12/V06	2.33	13	5.60	approx. 336	approx. 2,304
	3/4"	R10	R11	R12	R12/V06	2.33	11	4.72	approx. 285	approx. 2,329
300 Beige	5/8"	R10	R11	R12	–	2.33	13	5.60	approx. 336	approx. 2,304
	3/4"	–	R11	–	–	2.33	11	4.72	approx. 285	approx. 2,329

Square 12" × 12"

200 Light Gray	5/8"	R10	R11	–	–	1.02	9	8.82	approx. 352	approx. 2,381
220 Titan Gray	5/8"	R10	R11	–	–	1.02	9	8.82	approx. 352	approx. 2,381
230 Anthracite	5/8"	R10	R11	–	–	1.02	9	8.82	approx. 352	approx. 2,381
300 Beige	5/8"	R10	R11	–	–	1.02	9	8.82	approx. 352	approx. 2,381

1/2" thickness available on request.

Square 16" × 16"

200 Light Gray	5/8"	R10	R11	–	–	0.59	5	8.55	approx. 239	approx. 1,665
230 Anthracite	5/8"	R10	R11	–	–	0.59	5	8.55	approx. 239	approx. 1,665

Other colors and surfaces available on request. Possible color deviations are due to printing technology. Sizes shown are nominal U.S. trade sizes. Actual tile dimensions are based on metric manufacturing sizes and may differ from the nominal dimensions to accommodate grout joints. Refer to the applicable product data sheet for exact dimensions and tolerances.

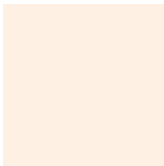
Wall Tiles



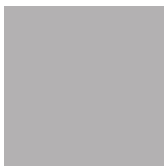
200 Light Gray



300 Beige



311 Uni White



207 Uni Gray

Slim Profile.
Strong Performance.
Wall Tiles Built to Last.

Square 8" × 8"

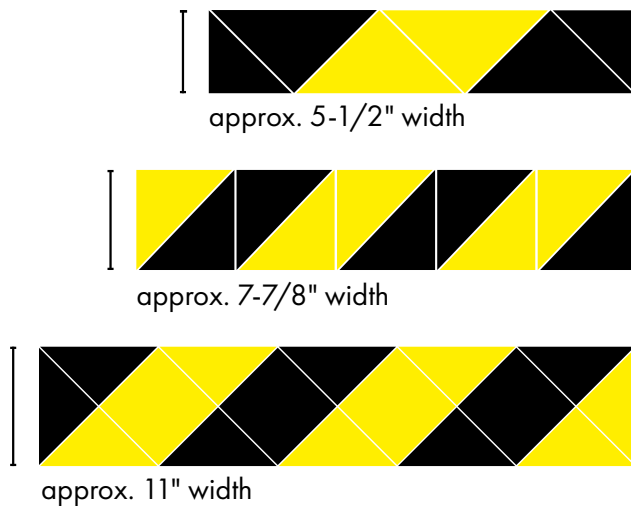
Color	Thickness	Surface (Slip Resistance)	Pieces/ Sq. Ft. (incl. Joint)	Pieces/ Box	Sq. Ft./ Box	Sq. Ft./ Pallet	Lbs./ Pallet
200 Light Gray	3/8"	R10	2.33	22	9.47	approx. 568	approx. 2,329
300 Beige	3/8"	R10	2.33	22	9.47	approx. 568	approx. 2,329
311 Uni White	3/8"	Smooth – no R classification	2.33	22	9.47	approx. 568	approx. 2,329
207 Uni Gray	3/8"	Smooth – no R classification	2.33	22	9.47	approx. 568	approx. 2,329

Other colors and surfaces available on request. Possible color deviations are due to printing technology. Sizes shown are nominal U.S. trade sizes. Actual tile dimensions are based on metric manufacturing sizes and may differ from the nominal dimensions to accommodate grout joints. Refer to the applicable product data sheet for exact dimensions and tolerances.



Kerasig – Safety That Stays in Place Permanent Markings for Industrial Flooring Systems

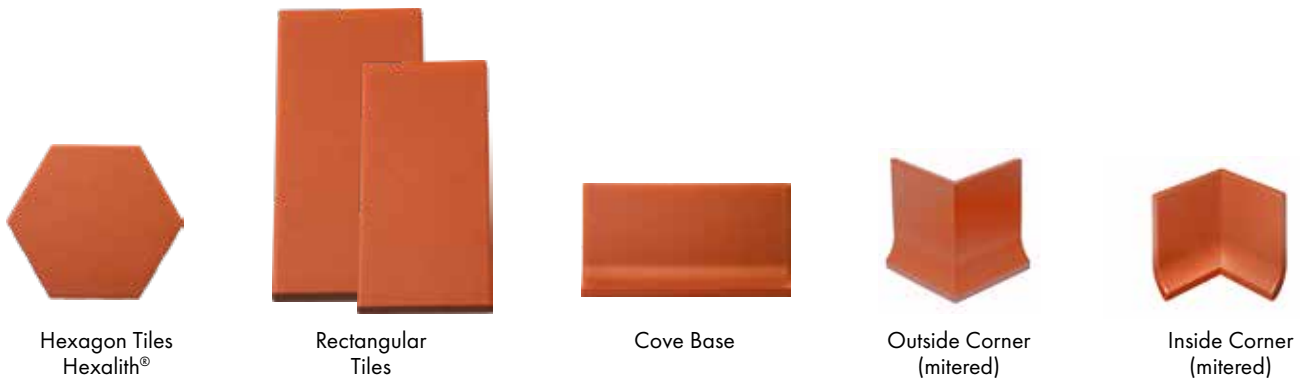
Kerasig® is Argelith's integrated ceramic solution for durable floor markings in industrial environments. Unlike painted lines or adhesive tapes that may require periodic renewal, Kerasig® patterns are installed as part of the tiled floor, reducing maintenance while providing clear, long-lasting identification in demanding areas. The system is well suited for defining hazard zones, pedestrian routes, and equipment areas. Kerasig® is available with an R11 surface in 5/8" and 3/4" thicknesses and three standard installed widths – approximately 5-1/2", 7-7/8", and 11". Tiles can be supplied pre-cut or field-cut to suit the required layout.



Width (Laid)	Thickness	Surface (Slip Resistance)	Pieces/Ln. Ft. Full Tiles (incl. Joint)	Pieces/Ln. Ft. Half Tiles (incl. Joint)
approx. 5-1/2"	5/8"	R11	–	2.44
	3/4"	R11	–	2.44
approx. 7-7/8"	5/8"	R11	–	3.05
	3/4"	R11	–	3.05
approx. 11"	5/8"	R11	1.22	2.44
	3/4"	R11	1.22	2.44

Other widths can be achieved by combining tiles. Sizes shown are nominal U.S. trade sizes. Actual tile dimensions are based on metric manufacturing sizes and may differ from the nominal dimensions to accommodate grout joints. Refer to the applicable product data sheet for exact dimensions and tolerances.

Mars Red



Classic Elegance, Modern Durability: Argelith Mars Red Tiles

Product	Format	Thick- ness	Surface (Slip Resistance)				Pieces/ Sq. Ft. (incl. Joint)	Pieces/ Box	Sq. Ft./ Box	Sq. Ft./ Pallet	Lbs./ Pallet
Hexagon Tiles	4-1/4" x 5"	3/4"	–	R11	–	–	8.97	40	4.46	approx. 281	approx. 2,375
Rectangular Tiles	4" x 8"	5/8"	R10	R11	R12	R12/V06	4.65	26	5.60	approx. 336	approx. 2,235
	4" x 8"	3/4"	R10	R11	R12	R12/V06	4.65	22	4.73	approx. 284	approx. 2,328
Rectangular Tiles	4-1/2" x 9-1/2"	5/8"	R10	R11	R12	–	3.07	26	8.48	approx. 381	approx. 2,423
	4-1/2" x 9-1/2"	3/4"	R10	R11	R12	–	3.07	22	7.18	approx. 322	approx. 2,447

Other colors and surfaces available on request. Possible color deviations are due to printing technology. Sizes shown are nominal U.S. trade sizes. Actual tile dimensions are based on metric manufacturing sizes and may differ from the nominal dimensions to accommodate grout joints. Refer to the applicable product data sheet for exact dimensions and tolerances.

Argelith's Mars Red tile captures the rich, natural character of traditional red clinker, with a distinctly red appearance that avoids pronounced pink or brown undertones. Inspired by the distinctive red-firing clay of Wehrendorf, Mars Red combines this authentic color with the performance of fully vitrified tile, including extremely low water absorption, high breaking strength, tested chemical resistance, durability, and straightforward routine maintenance. For projects seeking an even more traditional aesthetic, Mars Red is also available upon request with a smooth surface finish reminiscent of conventional clinker tile.

Accessories



Cove Base



Color	Format	Thick-ness	Pieces/ Ln. Ft. (incl. Joint)	Pieces/ Box	Ln. Ft./ Box	Ln. Ft./ Pallet	Lbs./ Ln. Ft.	Lbs./ Pallet
200 Light Gray	4" × 8"	3/8"	1.52	25	approx. 16.45	approx. 1,230	1.71	2,103
	4" × 8"	5/8"	1.52	15	approx. 9.87	approx. 738	2.48	1,830
	4" × 8"	3/4"	1.52	15	approx. 9.87	approx. 590	3.02	1,782
220 Titan Gray	4" × 8"	3/8"	1.52	25	approx. 16.45	approx. 1,230	1.71	2,103
	4" × 8"	5/8"	1.52	15	approx. 9.87	approx. 738	2.48	1,830
	4" × 8"	3/4"	1.52	15	approx. 9.87	approx. 590	3.02	1,782
230 Anthracite	4" × 8"	3/8"	1.52	25	approx. 16.45	approx. 1,230	1.71	2,103
	4" × 8"	5/8"	1.52	15	approx. 9.87	approx. 738	2.48	1,830
	4" × 8"	3/4"	1.52	15	approx. 9.87	approx. 590	3.02	1,782
300 Beige	4" × 8"	3/8"	1.52	25	approx. 16.45	approx. 1,230	1.71	2,103
	4" × 8"	5/8"	1.52	15	approx. 9.87	approx. 738	2.48	1,830
	4" × 8"	3/4"	1.52	15	approx. 9.87	approx. 590	3.02	1,782
400 Sand Yellow	4" × 8"	3/8"	1.52	25	approx. 16.45	approx. 1,230	1.71	2,103
	4" × 8"	3/4"	1.52	15	approx. 9.87	approx. 590	3.02	1,782
510 Mars Red	4" × 8"	3/8"	1.52	25	approx. 16.45	approx. 1,230	1.71	2,103
	4" × 8"	5/8"	1.52	15	approx. 9.87	approx. 738	2.48	1,830

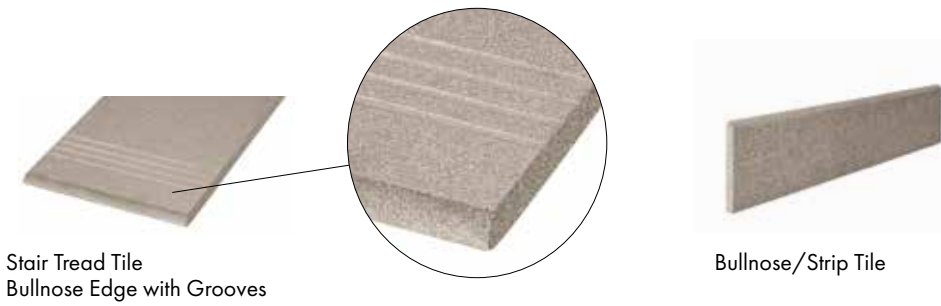
Inside and Outside Corners (mitered)



Inside and Outside Corner Pieces (One Piece)



Accessories

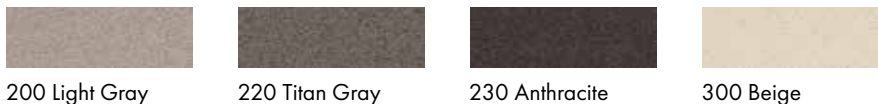


Stair Tread Tiles



Color	Format	Thick- ness	Surface (Slip Resistance)		Pieces/ Ln. Ft. (incl. Joint)	Pieces/ Box	Ln. Ft./ Box	Ln. Ft./ Pallet	Lbs./ Ln. Ft.	Lbs./ Pallet
200 Light Gray	12" × 12"	5/8"	–	R10	1.02	11	approx. 10.78	approx. 411	5.63	2,425
220 Titan Gray	12" × 12"	5/8"	–	R10	1.02	11	approx. 10.78	approx. 411	5.63	2,425
230 Anthracite	12" × 12"	5/8"	–	R10	1.02	11	approx. 10.78	approx. 411	5.63	2,425

Bullnose/Strip Tiles



Color	Format	Thick- ness	Pieces/ Ln. Ft. (incl. Joint)	Pieces/ Box	Ln. Ft./ Box	Ln. Ft./ Pallet	Lbs./ Ln. Ft.	Lbs./ Pallet
200 Light Gray	3" × 12" Bullnose (rounded edge)	5/8"	1.02	28	27.45	approx. 1,655	1.28	2,259
220 Titan Gray	3" × 12" Bullnose (rounded edge)	5/8"	1.02	28	27.45	approx. 1,655	1.28	2,259
230 Anthracite	3" × 12" Bullnose (rounded edge)	5/8"	1.02	28	27.45	approx. 1,655	1.28	2,259
300 Beige	3" × 12" Bullnose (rounded edge)	5/8"	1.02	28	27.45	approx. 1,655	1.28	2,259

Other colors and surfaces available on request. Possible color deviations are due to printing technology. Sizes shown are nominal U.S. trade sizes. Actual tile dimensions are based on metric manufacturing sizes and may differ from the nominal dimensions to accommodate grout joints. Refer to the applicable product data sheet for exact dimensions and tolerances.



Tiles That Perform Under Pressure

Industrial floors must withstand more than daily foot traffic. Depending on the application, they may be exposed to chemicals, temperature changes, rolling loads, and frequent cleaning. Argelith offers fully vitrified tiles in hexagonal, square, and rectangular formats, with floor-tile thicknesses from 5/8" to 3/4", depending on the format and intended use. Smooth and profiled surface options allow slip resistance and cleanability to be matched to operating conditions. Supported by U.S. inventory and experienced technical guidance, Argelith helps manufacturers, retailers, and food producers select a durable tile system for their facilities.



Argelith Ceramic Tiles, Inc.
40W310 LaFox Road, Suite F2
St. Charles, IL 60175
phone (630) 444-0665 info@argelithusa.com



www.argelithusa.com