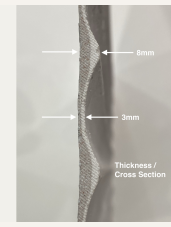


Econiclay® ARCUATE ROCK series

SOLID COLOR | ARCHITECTURAL FLUTED PANEL



PRODUCT OVERVIEW A lightweight, flexible, clay-mineral architectural cladding with a sculpted fluted profile and solid-color finish. Designed for interior and exterior feature surfaces, with pattern-matching layouts available.

FINISH SCHEDULE ID

Manufacturer: Elementum Surfaces
Product: Phomi Econiclay® Arcuate Rock
Reference finish: PANTONE® 11-4300 TCX Marshmallow

KEY FEATURES

- 100% Sustainable / Certified Near Zero Carbon Footprint (0.26kgCo2e)
- Distinctive fluted profile with solid-color finish
- Two standard formats: 1400 x 600 mm and 2800 x 1200 mm
- Lightweight and flexible for design versatility
- Interior and exterior walls, subject to approved assembly
- Pattern-matching layouts and multiple solid-color options
- Custom Pantone color matching available
- Anti-Corrosion/Mildew
- 100% Natural Mineral
- Earthquake Tolerant
- Optional Anti-Viral
- Anti-Shatter
- Non Toxic



TECHNICAL SPECIFICATIONS

Product / finish	Arcuate Rock / PANTONE® 11-4300 TCX Marshmallow
Standard sizes	1400 x 600 mm; 2800 x 1200 mm
Approx. dimensions	55.1 x 23.6 in; 110.2 x 47.2 in
Thickness / relief	Approx. 3 mm field; 8 mm profile peak
Catalog thickness	1-6 mm natural unevenness; profile varies
Composition	Modified clay-mineral / inorganic composite
Colors	NY001, O01, Z03, HB02, F02, HG03; custom solid color
Adhesive / grout	Cement- or epoxy-based; substrate-specific
Joints / edges	Butt, hairline, 4-10 mm groove, or aluminum trimming

PERFORMANCE HIGHLIGHTS

- Artificial weathering: 4,000 h - pass; no blistering, cracking, or lamination (XJ2023B01C01174E)
- Water absorption: 3-9% - pass; freeze resistance: 15 cycles - pass
- Heat, abrasion, acid, and alkali resistance: pass under cited JC/T and GB/T methods
- ASTM E84 Class A1

SUSTAINABILITY

- Type III EPD (ISO 14025 / EN 15804+A2), valid through March 26, 2027. Representative Standard Line composition: 53% kaolin clay, 43% quartz sand, 4% binder.
- GREEN GUARD Gold Certified
- May contribute to LEED v4/v4.1 credits; project review required.
- Greenhouse Gas emission in life cycle of 1 kg Econiclay® Covering product (from cradle to grave): 0.26 kgCO₂e/M² (ISO 14067: 2018)

WARRANTY

Limited warranty effective Oct. 1, 2025: 10 years appearance/finish; 10 years manufacturing defects; 15 years structural integrity; 30-year product-lifespan term. Registration within 60 days and all written conditions and exclusions apply.

INSTALLATION OVERVIEW

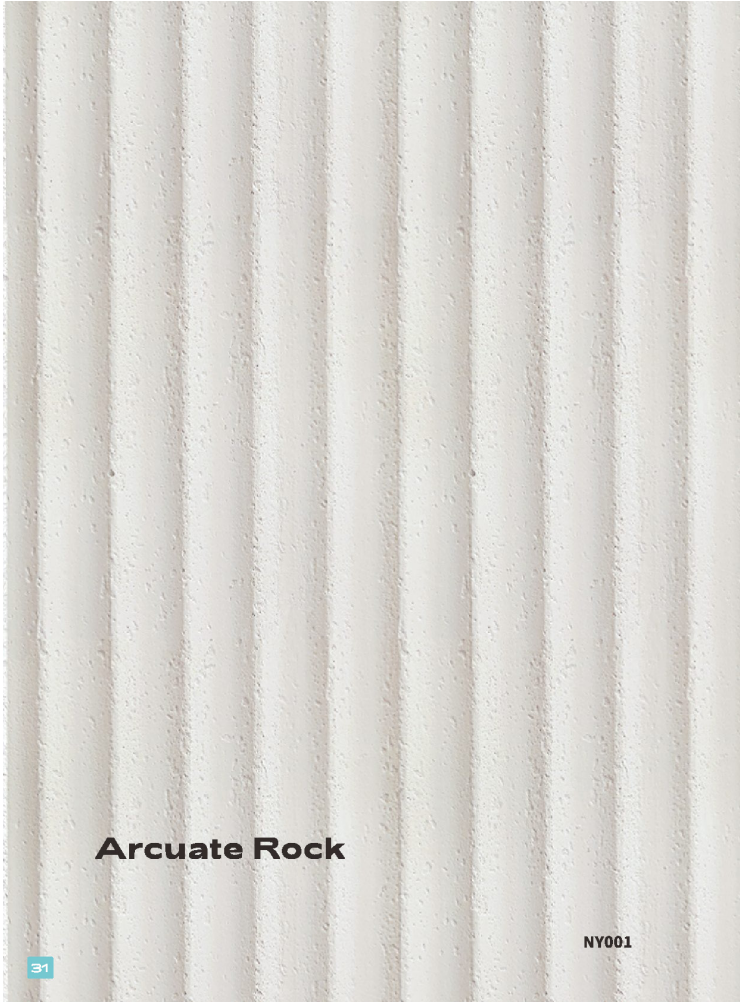
1. Verify substrate is stable, clean, dry, flat, and compatible.
2. Coordinate WRB, drainage plane, flashings, joints, and penetrations for exterior work. Construction adhesive or OmniGrip for interior work.
3. Lay out panels; dry-fit profiles, corners, and transitions.
4. Select cement- or epoxy-based adhesive for the substrate; obtain adhesive-manufacturer approval.
5. Maintain specified joints; complete corners and edges per approved project details. See Installation Manual and Econiclay® Detail Keynote

DESIGN + APPLICATIONS

Exterior covering solution • Feature walls • façades • ceiling • flooring • shower • lobbies • hospitality • multifamily • custom residential • curved or articulated surfaces

SPECIFICATION NOTE Use with the current installation manual, approved wall assembly, project specifications, test reports, and written warranty. Substrate, adhesive, WRB, flashing, joint, and edge conditions require project-specific coordination. Natural texture and minor color/dimensional variation are inherent characteristics.

140mm x 60cm format pattern-matching layouts and multiple solid-color options / custom solid color



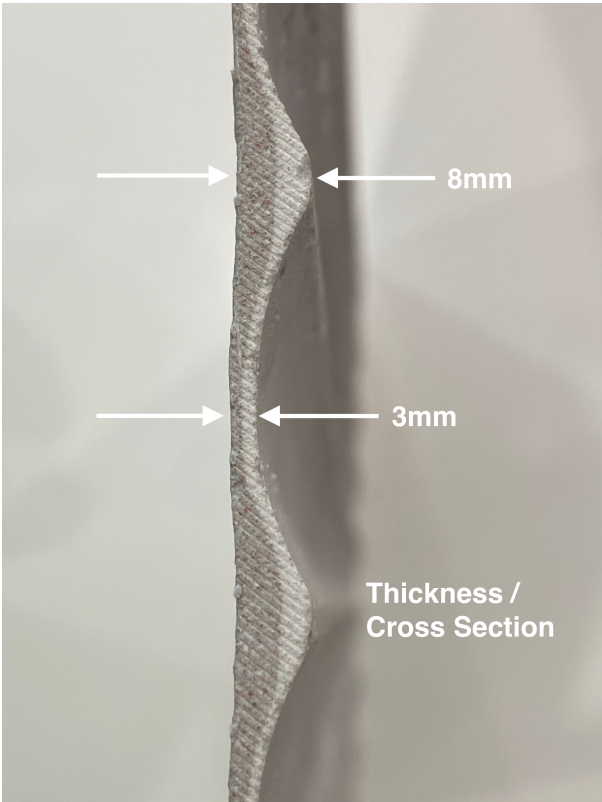
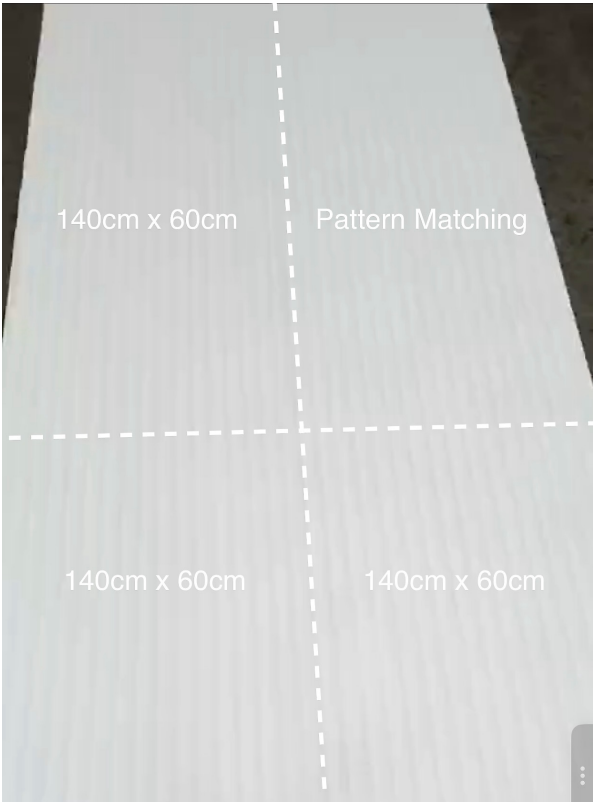
More color options



There are some differences between the catalog pictures and the actual objects, please refer to the actual objects

Specification and packaging

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
2.0	1400x600	1-6 natural unevenness	Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	2800x1200				



Elementum Surfaces | EconiClay®

EconiClay® – A Flexible Clay Cladding (FCC™) System



LEED v4 / v4.1 Contribution Summary

MR Credit: Environmental Product Declarations (EPD)

- Type III Environmental Product Declaration (ISO 14025 compliant)
- Conforms to EN 15804 +A2
- Third-party verified
- Declared unit: 1 m² PHOMI MCM Cladding

Contribution Potential: May contribute toward MR Credit: Building Product Disclosure and Optimization – EPD (project dependent).

MR Credit: Low-Emitting Materials

- GREEN GUARD Gold Certified
- Supports compliance for interior wall and ceiling applications

MR Credit: Building Life-Cycle Impact Reduction (WBLCA)

- A1–A3 Global Warming Potential: 1.02 kg CO₂e / m² (EPD verified)
- Full Life Cycle (A1–C4): ~1.97 kg CO₂e / m²
- Approximately 80–90% lower embodied carbon than cement-based stucco systems Supports whole-building life-cycle assessment modeling strategies under LEED v4 / v4.1.

Note: Final LEED contribution depends on total qualifying materials within the project and review by the project's sustainability consultant.