

ECOmax for Live & Play Surfaces



Markets

- Hospitality
- Education

Applications

- Rooftops & Patios
- Childcare / PlayZones
- K-12 / Higher Education

Benefits

- Will withstand repeated heavy weight impact
- Easy installation with Quad Blok installation
- Superior drainage for outdoor use
- Durable

ECOmax tiles for Live and Play Surfaces are manufactured with proprietary processes that mold a dense 2.5mm vulcanized composition rubber (VCR) and EPDM surface layer to a footed VCR base. These 24" x 24" tiles provide exceptional safety and drainage characteristics to outdoor play areas, rooftop, and patio applications.

Product Information

Nominal Dimensions:

Available as a standard in tiles. Talk to your local agent to determine availability, pricing, minimums, and lead times.

2.5" Tile



24" (610mm) x 24" (610mm)
Thickness: 2.5" (63.5mm) (Minimums apply)

Quad Blok



17mm x 8" x 8"
1 28oz tube/40 Quad Bloks

Reducer



8" (203mm) x 48" (1.22m)
Thickness: 2.5" (63.5mm)

ADA Ramp



64" (1625mm) x 30" (762mm)
Thickness: 2.5" (63.5mm)

[View Colors](#)



THE NRG FACTOR

NRG

74.9% **Force Reduction**
Absorption of impact energy

NRG

44.4% **Energy Restitution**
Useful return of impact energy

Safety

Ergonomics

Acoustics

Critical Fall Height and Physical Dimensions

Thickness	Weight (lbs.) Each (Not less than)		Critical Fall Height (ft.)
	Pigmented & Non-Pigmented	Colors PG50 - PG79	
2-1/2" & 2-1/4" Polyfoam	29	31	10
2-1/2" Fully Adhered	25	27	5
2-1/2" w/ Quad Blok on Compacted Aggregate Base			5
2-1/2" w/ Quad Blok on Concrete or Asphalt			4

Physical Testing - Typical Results

Characteristic	Test Method	Pigmented & Non-Pigmented ECOMax Tiles	ECOMax (Colors PG50 - PG79)
Density*	ASTM D297	58 pcf	80 pcf
Tensile Strength*	ASTM D412, DIE C	180 psi	250 psi
Elongation at Break*	ASTM D412, DIE C	50%	70%
Abrasion Resistance*	ASTM D3389	Pass	Pass
Coefficient of Friction*	ASTM D2047	0.8	0.8
Flammability - Pill Test	ASTM D2859	8 of 8 samples passed	8 of 8 samples passed
Wheel Chair Accessibility	ASTM F1951-08	Pass	Pass
Lead Content	US EPA Method 3052:1996	Pass	Pass

*testing on surface layer only