

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

Force Reduction

Absorption of impact energy

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

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