



SurfaceTalk

Article Number 3

Helping You Understand Playground Surfacing

Manufacturing Upgrades Improve PlayBound™ Tiles

Leadership in manufacturing requires periodic product review and upgrades in every industry. Surface America's PlayBound™ Tiles feature several quality and aesthetic improvements that resulted from product review.



Surface America's PlayBound™ Tiles are manufactured by ECOPE™ International (formerly Dodge-Regupol Inc.) of Lancaster, Pennsylvania, the industry's leader and innovator in recycled rubber manufacturing technology. Since the late 1960's these playground tiles have been produced and marketed worldwide. Today ECOPE™ is North America's leading user of recycled rubber and leading producer of Bonded Rubber Crum products. A primary application is playground tiles.

(continued on next page)



Surface America's PlayBound™ is IPEMA certified. To verify product certification, visit www.ipema.org.



Obtain LEED® credits by using Surface America products.



Surface America has sold more than seven million square feet of playground tiles that are in action at playgrounds around the country. Surface America's technical and sales support, and installation experience, have proven invaluable in the interactive process of identifying, evaluating and determining product upgrades:

- Improved manufacturing processes and product components.
- Right-sized tapered edge angles and dimensions.
- Further standardization of tile thicknesses.
- Complete line of ADA ramping systems.

Surface America and ECOPE™ continue to work together to bring the features and benefits of Surface America's playground tiles in line with the needs of the marketplace, including long-term durability, maximum resilience and a variety of aesthetic options. Please review the summary of improvements on the back.

All Playground Tiles Are NOT Alike

The most visible difference, when installing tiles, is single density vs. dual density. Surface America's PlayBound™ Tile line is manufactured by ECOPE™ of Lancaster, Pennsylvania, the originator and only worldwide producer of dual density playground tiles.

Benefits of the Dual Density Tile:

- Dual density tiles are commonly produced with a flat or broad-legged bottom, which are more stable.
- Five times the surface contact between tile bottom and base allows full adhesion compared to single density tiles.
- Greater surface area on tile sides for optional bonding to adjacent tiles, which tightens joints and eliminates gaps.
- Heavy weight of tile and full adhesion of tile bottom increase vandalism resistance, provide longevity to installation, provide greater stability and yield longer expected life.

Call toll-free **800-999-0555**
Fax **716-632-8324**
Phone **716-632-8413**

Email info@SurfaceAmerica.com
Visit www.SurfaceAmerica.com

PO Box 157, Williamsville, New York 14231

Improved Manufacturing Processes and Product Components

Specific Manufacturing Improvements:

- **Superior Urethane ...** which is the strength of the tile, extending the expected life.
- **New Liquid (Pigmented) Coloring System ...** provides a more even distribution of color per tile.
- **Finer Strand of Rubber ...** on pigmented tiles, makes the top layer tighter, more consistent and durable.
- **Better EPDM Coloring System ...** improves the tile color and is the only recycled color EPDM in the world.
- **Volume-Driven Weight Process ...** (rather than weight-driven) provides a more consistent feel from tile to tile.

Further Standardization of Thickness:

- Standard Thicknesses**
 1-3/4" (43mm), 2-3/8" (60mm),
 3-3/8" (85mm), 4" (100mm)
- Critical Fall Heights**
 4' (1.2m), 6' (1.8m), 8' (2.4m)

Complete Line of Ramping Systems:

Tapered & ADA Edges

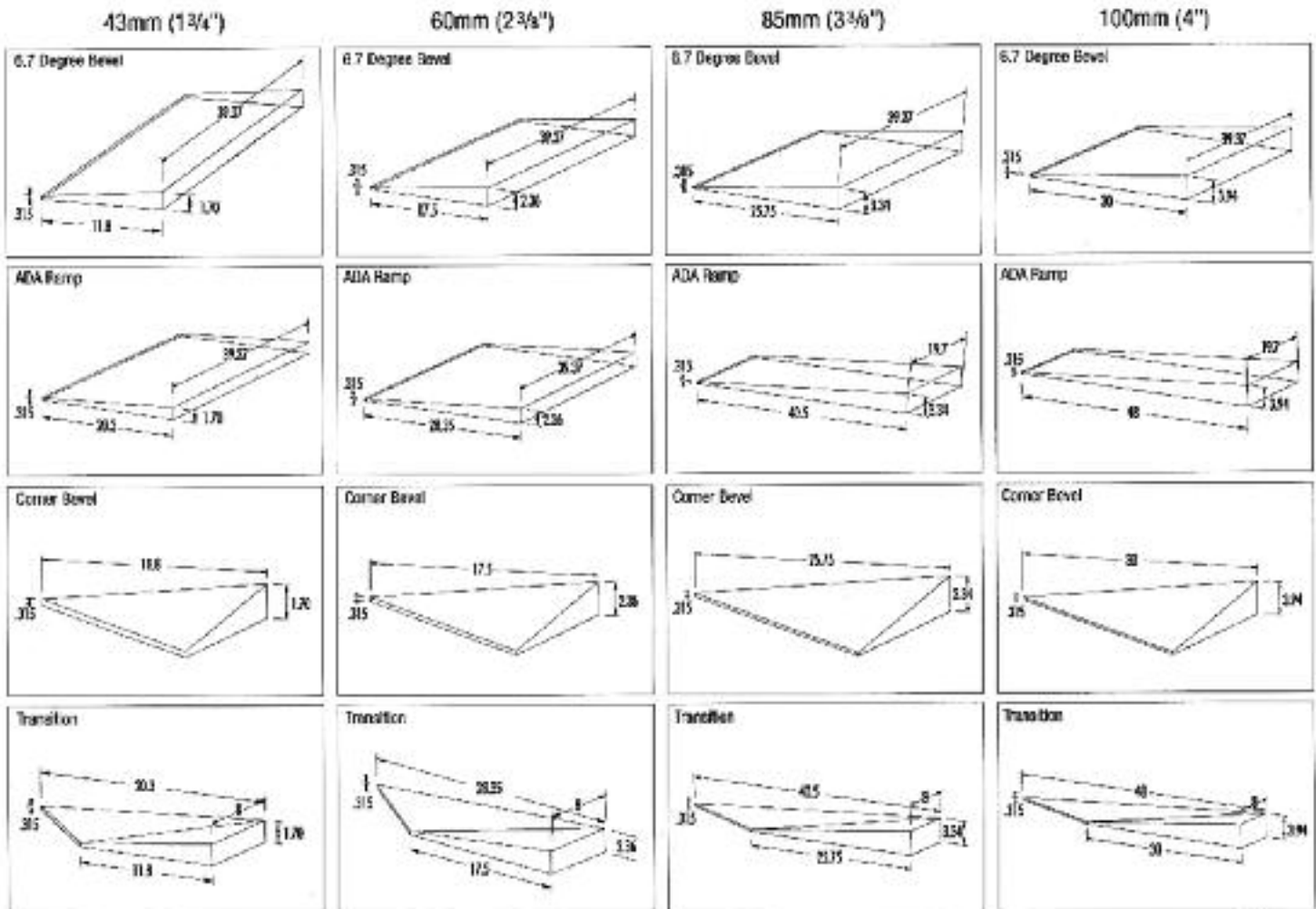
- 1-3/4" Taper:** 11.8" run x 39.37" wide
 ADA: 20.3" run x 39.37" wide
- 2-3/8" Taper:** 17.5" run x 39.37" wide
 ADA: 28.35" run x 39.37" wide
- 3-3/8" Taper:** 25.75" run x 39.37" wide
 ADA: 40.5" run x 19.7" wide
- 4" Taper:** 30" run x 39.37" wide
 ADA: 48" run x 19.7" wide

- Widths of all tapered and ADA (Americans with Disabilities Act) edges match up to tile dimensions.
- All taped edges have a front lip of .315" and slope up at 6.7° angle to meet the tile thickness.
- ADA edges slope at a 1" rise in 12" run angle.



SURFACEAMERICA

800-999-0555 • SurfaceAmerica.com



Note: English dimensions (shown above in inches) are approximate.