

## PHYSICAL DIMENSIONS

Installed Size	Available Thicknesses	Weight (lbs.) Ea.			sofRAMP Length/Width
		Plus (Black)	Plus (Color)	Premium (All Blends)	
24" x 24"	2.00" (51 mm)	26.00	26.40	25.88	47.75/7.00"
24" x 24"	2.75" (70 mm)	30.56	31.25	29.08	47.75/7.63"
24" x 24"	3.25" (83 mm)	34.10	34.50	32.18	47.75/9.00"

## PHYSICAL PROPERTIES

Test Description	ASTM Ref.	Results	Test Lab
Freeze/Thaw	C67	0.27% Weight Change (No deterioration)	INTERTEK
Rubber Deterioration/Air Oven	D573	No Deterioration (0.48% Length Chg./0.62% Thickness Chg.)	INTERTEK
Abrasive Wear Index	C501	167 (Average)	INTERTEK
Volume Density	D3676	904.77 kg/m <sup>3</sup>	INTERTEK
Slip Resistance	E303	Dry Friction: 53/Wet Friction: 32	INTERTEK
Slip Resistance	D2047	Dry 0.81/Wet 0.82	SGS
Compression Deflection	D1667	29.5 PSI to 25% Compression	NWL
Compression Set	D395	4.37% Permanent Set	NWL
Tensile Strength	D412	331 psi or 2.28 (Mpa)	INTERTEK
Elongation at Break	D412	119%	INTERTEK
Tear Strength (Average)	D624	16.3 (N/mm)	INTERTEK
Peak Tear Load (Average)	D624	46.8 (N)	INTERTEK
Critical Radiant Flux	E648-17A	0.26 (Avg. W/cm <sup>2</sup> )	INTERTEK
Flammability	D2859	Pass	NWL
Wear Surface Density (Durability)		> 60 lb/ft <sup>3</sup>	

## ACOUSTICAL TESTING RESULTS

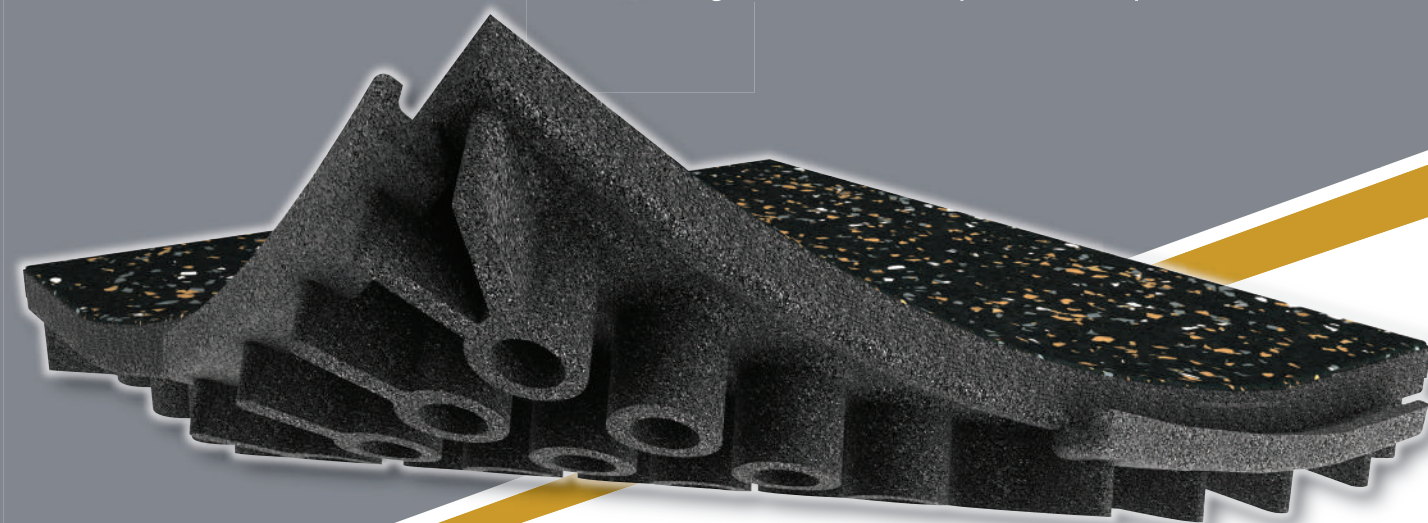
Performed by Riverbank Acoustical Laboratories	duraSOUND 2.00"		duraSOUND 2.75"		duraSOUND 3.25"	
<b>Sound Transmission Class (STC)</b> ASTM E90 – Airborne Sound Transmission (over 6" concrete slab)	54		57		57	
<b>Impact Insulation Class (IIC)</b> ASTM E492 – Impact Sound Transmission (over 6" concrete slab)	62		64		64	
<b>Impact Insulation Class (ΔIIC)</b> ASTM E2179 – Effectiveness in Floor Coverings	27		28		28	
<b>Non-Standard Heavy Weight Drop Test</b> Impact Noise Due to Weight Drop (Measured from room below) <i>To Date, no ASTM Standard.</i>	25 lb Weight		55 lb Weight		25 lb Weight	
<b>DROP HEIGHT</b>	36"	60"	36"	60"	36"	60"
Bare 6" Concrete Slab (dB-A)	106	108	109	111	106	108
duraSOUND Over 6" Concrete Slab (dB-A)	68	73	74	79	69	75
<b>NOISE REDUCTION (dB)</b>	38	35	35	32	37	36

**NOTE:** Weight drop test results shown are overall, peak A-weighted sound pressure level (fast response). Contact a member of our sales team to obtain complete acoustical testing reports.

\*FloorScore® is a certification program established by the Resilient Floor Covering Institute (RFCI) for hard surface flooring and flooring adhesives products that meet strict indoor air quality (IAQ) requirements. Products bearing the FloorScore label meet the indoor air quality emissions criteria of LEED, CHPS, the Green Guide for Health Care, and are recognized by a long list of healthy building programs.



- Superior sound attenuation & shock insulation
- Drop free weights directly onto the floor!
- Reduce structure-borne sound transfer by up to 38 decibels!
- Tight seam lines provide superior aesthetics



## Improve the experience REDUCE the sound.

Dramatically reduce the sound transmission of heavy weight drops in any fitness facility with duraSOUND® Rubber Acoustic Tiles by sofSURFACES. duraSOUND was performance-engineered to minimize low-frequency impact noise, control vibrations and reduce the transfer of audible structure-borne sound within building structures. Provide a better acoustic experience for both your customers and neighboring businesses with sound reductions of up to 38 dB!



Member







# IMPROVE YOUR SOUND GAME

with high performance Rubber Acoustic Tiles from sofSURFACES.

Choose from solid Plus Series Colors or a number of Premium EPDM Color Blends:

Use duraSOUND Rubber Acoustic Tiles in cardio studios, free weight/dumbbell areas, high-impact studios, personal training areas, machine areas, spinning studios or even daycare centers where audible sound and vibration threaten to travel beyond your facility's floors and walls. Made from 100 percent post-consumer recycled materials, duraSOUND controls audible structure-borne sound and vibration transmission within building structures while keeping neighboring residents satisfied.

Create a low-decibel environment that property managers and tenants will thank you for!



Engineered, shock-absorbing pedestals evenly distribute weight over 64 pedestals per tile.

High compression wear layer is Fire Resistant and Slip Resistant. Tested for over 400,000 repeated impacts with 800 lb of blunt force.

Raised hollow-core impact pedestal design raises the system off the floor for superior sound and vibration absorption.

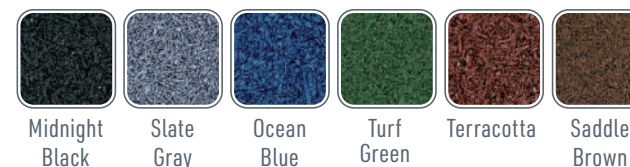
Omni-directional patented KROSLOCK locking mechanism locks tiles firmly in place without requiring adhesive. Non-shifting and non-separating.

## PLUS SERIES SOLID COLORS

Available Thicknesses: 2.00", 2.75" & 3.25"

Plus Series is manufactured using 100% recycled rubber. Elongated rubber strands are utilized in the wear layer of the tile for increased durability and a smooth visual texture while color is achieved through the use of our specially formulated pigments. Mix colors together for a unique flare in design!

### PLUS SERIES COLORS



## PREMIUM SERIES EPDM COLOR BLENDS

Available Thicknesses: 2.00", 2.75" & 3.25"

Pattern, texture and color capabilities are the hallmarks of our duraSOUND Premium Line. Our enhanced Premium Line offers more opportunity for artistic expression through an assortment of aesthetically pleasing premium color blends. With an SBR/EPDM wear layer, our Premium Line affords you the best solution for any fitness facility application.

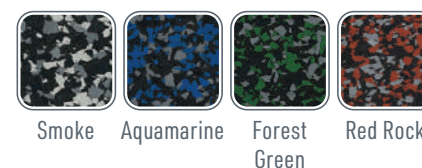
### PREMIUM 10 SERIES (10% Color)



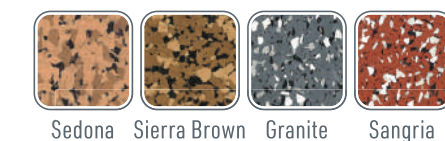
### PREMIUM 35 SERIES (35% Color)



### PREMIUM 70 SERIES (70% Color)



### PREMIUM 95 SERIES (95% Color)



Additional blends and custom color blends are available.

Please contact our sales team for more information. Additional charges and lead times may apply.

1 800.263.2363 or [info@sofsurfaces.com](mailto:info@sofsurfaces.com)

