

- Superior sound attenuation & shock insulation
- Drop free weights directly onto the floor!
- Reduce structure-borne sound transfer by up to 38 decibels!
- Patented KROSLOCK Tile-Locking System provides tight seam lines and superior aesthetics



Improve the experience **REDUCE** the sound.

Dramatically reduce the sound transmission of clanking free weights in any fitness facility with duraSOUND[®] Rubber Acoustic Tiles by sofSURFACES. duraSOUND was engineered to reduce structure-borne vibrations for a better acoustic experience for both your customers and neighboring businesses.

duraSOUND all-in-one fitness floor tiles are performance-engineered to control vibrations, minimize low-frequency impact noise, and reduce the transmission of audible structure-borne sound by up to 38 dB!





STANDARD COLORS

HYBRID CUSTOM BLENDS

Available in 6 standard colors and an infinite range of hybrid custom color blends. Customer-Favorite Hybrid color blends shown above.

Build your very own custom blend right here using our new custom color renderer:
sofSURFACES.com/design-center

Use duraSOUND in cardio studios, free weight/dumbbell areas, high-impact studios, personal training areas, machine areas, spinning studios, locker rooms, or even daycare centers where sound and vibration threaten to travel beyond your facility's floors and walls.

We install duraSOUND tiles using our high compression process to ensure tight seamlines and superior aesthetics. duraSOUND offers a choice of six attractive standard colors and infinite range of hybrid custom color blends.

Made from 100 percent post-consumer recycled materials, duraSOUND Rubber Acoustic Tiles control audible structure-borne sound and vibration transmission within building structures while keeping neighboring residents satisfied.

PHYSICAL DIMENSIONS

Installed Size	Available Thicknesses	Weight (lbs.) Ea.	sofRAMP Length
24" x 24"	duraSOUND 30 (2.00")	PLUS & HYBRID – 24.00	47.75"/7.625"
24" x 24"	duraSOUND 70 (2.75")	PLUS & HYBRID – 29.00 (with 40% TPV)	47.75"/7.625"

PHYSICAL PROPERTIES

Test Description	ASTM Ref.	Results	Test Lab	Test Date
Freeze/Thaw	C67	No deterioration	SGS	12-98
Rubber Deterioration/Air Oven	D573	No deterioration	SGS	12-98
Slip Resistance	E303	Dry 102/Wet 62	SGS	09-98
Slip Resistance	D2047	Dry 0.81/Wet 0.82	SGS	02-99
Compression Deflection	D1667	29.5 PSI to 25% Compression	NWL	01-95
Compression Set	D395	4.37% Permanent Set	NWL	01-95
Tensile Strength	D412	107 PSI	SGS	02-99
Elongation at Break	D412	165%	SGS	02-99
Tear Strength	D624	33.1 Lbs/Inch	SGS	02-99
Wear Surface Density (Durability)		>60 lbs/CuFt.		

duraSOUND is manufactured to a dimension of 24.25" x 24.25" (+/- .125") and compressed during installation to a dimension of 24" x 24".

ACOUSTICAL TESTING RESULTS

Performed by Riverbank Acoustical Laboratories

	duraSOUND 2.00"		duraSOUND 2.75"	
	25 lb. Weight	55 lb. Weight	25 lb. Weight	55 lb. Weight
Sound Transmission Class (STC) ASTM E90 – Airborne Sound Transmission (over 6" concrete slab)	53		54	
Impact Insulation Class (IIC) ASTM E492 – Impact Sound Transmission(over 6" concrete slab)	57		56	
Impact Insulation Class (ΔIIC) ASTM E2179 – Effectiveness in Floor Coverings	28		28	
Non-Standard Heavy Weight Drop Test Impact Noise Due to Weight Drop (From Room Below) To Date, no ASTM Standard.				
	25 lb. Weight	55 lb. Weight	25 lb. Weight	55 lb. Weight
Tests conducted in December, 2015.	36"	60"	36"	60"
DROP HEIGHT	36"	60"	36"	60"
Bare 6" Concrete Slab (dB-A)	106	108.1	108.8	111.2
duraSOUND Over 6" Concrete Slab (dB-A)	71.6	77.3	77.2	84.6
	66.5	69.6	68	75.7
NOISE REDUCTION (dB)	34.4	30.8	31.6	26.6
	39.6	38.4	40.7	35.6

NOTE: Weight drop test results shown are overall, peak A-weighted sound pressure level (fast response). Contact a representative from sofSURFACES to obtain complete acoustical testing results.