

Ecore 2021 Product Performance Summary

February 2021

Conducted on a 6" Slab - No Ceiling

Product	IIC	STC	Δ IIC	NRC	Heavy Weight Impact Sound Level (dBA)			Deltec Test	
					16lb Shot (39 3/8" drop height)	50lb Kettleball (18" drop height)	100lb Kettlebell (18" drop height)	Force Reduction (%)	Energy Restitution (%)
Bounce 2	52	56	23	0.10	—	—	—	11.9	68.4
Basic Rolls & Tiles	51	50	22	0.10	93	93	—	9.98	71.9
Motivate	54	51	24	0.15	93	93	—	12.6	66.8
Rally	58	51	27	0.15	89	89	—	35.4	53.7
Beast	53	54	22	0.05	92	92	98	11.4	72.2
Beast Plus	55	53	25	—	88	88	95	17.4	66.3
Modzilla	58	53	29	0.10	87	88	93	38.1	53.5
Monster	56	56	28	—	69	69	74	54.2	50.9
UltraTile	56	52	27	0.20	83	81	90	50.2	47.9
Ultra-Turf Tile	70	—	36	—	82	80	88	49.6	45.2
SmashTile	59	49	29	0.25	62	60	65	67.7	46.1
dB Turf Tile	71	—	35	—	61	59	61	68.2	44.7
PlyoTurf	—	—	—	—	—	—	—	31.4	50.3
Speed & Agility Turf (8mm)	—	—	—	—	—	—	—	36.9	46.1
Speed & Agility Turf (15mm)	74	51	36	0.25	—	—	—	53.4	40.2
TurfX	—	—	—	—	—	—	—	60.4	34.4