

Ecore 2022 Product Performance Summary

January 2022

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 Kettlebell (18" drop height)	100lb Kettlebell (18" drop height)	Force Reduction [%]	Energy Restitution [%]
Bounce 2	52	56	23	0.10	—	—	—	11.9	68.4
Basic Fit	51	50	22	0.10	93	93	—	9.98	71.9
Performance Motivate	54	53	24	0.15	93	93	—	12.6	66.8
Performance Rally	59	52	28	0.15	89	89	—	35.4	53.7
Performance Beast	53	54	22	0.05	92	92	98	11.4	72.2
Performance Beast Plus	55	53	25	—	88	88	95	17.4	66.3
Performance Monster	58	53	29	0.10	81	81	88	38.1	53.5
Performance Modzilla	56	56	28	—	69	69	74	54.2	50.9
Performance UltraTile	56	52	27	0.20	83	81	90	50.2	47.9
Performance Ultra-Turf Tile	70	—	36	—	82	80	88	49.6	45.2
Performance dBTile	59	49	29	0.25	62	60	65	67.7	46.1
FlexTurf Motivate	—	—	—	—	—	—	—	32.4	42.7
FlexTurf Monster (10mm)	79	53	39	—	88	89	95	53.0	32.2
FlexTurf Monster (15mm)	—	—	—	—	—	—	—	55.0	35.3
RageTurf Motivate	—	—	—	—	—	—	—	30.8	46.6
RageTurf Rally	75	54	35	0.25	87	88	—	47.1	41.0
RageTurf dBTile	72	55	34	0.20	62	58	65	71.3	39.8
RageTurf UltraTile	74	55	36	0.25	81	81	90	60.3	36.9
FierceTurf Monster (10mm)	—	—	—	—	—	—	—	55.3	29.7
FierceTurf Monster (15mm)	—	—	—	—	—	—	—	52.3	38.4
Ebb & Flow Motivate	55	53	23	0.05	—	—	—	12.0	69.0
HydroGrip Motivate	—	—	—	—	—	—	—	11.9	66.6