

Ecore Product Performance Summary

February 2023

Conducted on a 6" Slab - No Ceiling

Product					Heavy Weight Impact Sound Level (dBA)			Deltec Field Tester Results Typical Values	
	IIC	STC	Δ IIC	NRC	16lb Shot [39 3/8" drop height]	50lb Kettlebell [18" drop height]	100lb Kettlebell [18" drop height]	Force Reduction [%]	Energy Restitution [%]
Basic Fit	51	50	22	0.10	93	93	—	10.4	71.9
Blade								8.2	74.9
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 [42.5mm]	56	56	28	—	69	69	74	54.2	50.9
Performance Modzilla [1"]	56	56	28	—	80	79	89	41.8	52.0
Performance UltraTile	56	52	27	0.20	83	81	90	50.2	47.9
Performance dBTile	59	49	29	0.25	62	60	65	67.7	46.1
Moxie Motivate Plus	59	53	25	0.05	—	—	—	23.6	52.5
Moxie Beast	55	53	23	0.05	88	91	—	17.8	59.0
Baller, Balanced, Restorative, Serenity Motivate Class I	55	52	23	0.10	—	—	—	12.1	64.5
Baller Rally Class II	58	52	25	0.10	—	—	—	26.9	55.9
Bounce 2 Motivate Class I	52	56	23	0.10	—	—	—	11.9	68.4
Ebb & Flow Motivate	55	53	23	0.05	—	—	—	12.0	69.0
HydroGrip Motivate	—	—	—	—	—	—	—	11.9	66.6
Integrity Motivate	52	53	24	—	—	—	—	11.2	67.4
FlexTurf Motivate	—	—	—	—	—	—	—	34.2	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 UltraTile	74	55	36	0.25	81	81	90	60.3	36.9
RageTurf dBTile	72	55	34	0.20	62	58	65	71.3	39.8
FierceTurf Monster [10mm]	—	—	—	—	—	—	—	55.3	29.7
FierceTurf Monster [15mm]	—	—	—	—	—	—	—	52.3	38.4