

Ecore 2021 Product Performance Summary

October 2021

Conducted on a 6" Slab - No Ceiling

| Product | IIC | STC | Δ IIC | NRC | FIS | Heavy Weight Impact Sound Level (dBA) | | | Deltec Test | |
|------------------|-----|-----|-------|------|-----|---------------------------------------|--------------------------------------|---|------------------------|---------------------------|
| | | | | | | 16lb Shot (39 3/8" drop height) | 35lb Kettleball (18" drop height) | 100lb Plate Weight (18" drop height) | Force Reduction (%) | Energy Restitution (%) |
| Vinyl Rx | 52 | 56 | 23 | 0.15 | 77 | 91 | — | — | 11.5 | 72.0 |
| Aurora Rx | 52 | 53 | 24 | — | 77 | — | — | — | 11.2 | 67.4 |
| Origins | 46 | 53 | 19 | — | 81 | — | — | — | 2.4 | 75.5 |
| ECOsurfaces | 48 | 51 | 19 | 0.05 | — | — | — | — | 2.4 | 75.5 |
| ECOnights | 51 | 50 | 22 | 0.10 | — | 87 | 93 | — | 10.97 | 67.7 |
| ECOfit | 54 | 51 | 24 | 0.10 | — | 89 | 94 | — | 14.5 | 66.7 |
| ECOfit Plus | 58 | 51 | 27 | 0.20 | — | 81 | 89 | — | 35.5 | 51.9 |
| ECOmax 1" | 56 | 52 | 26 | 0.20 | — | 68 | 73 | 88 | 46.3 | 52.1 |
| ECOmax 2.5" | 58 | 51 | 26 | 0.20 | — | — | — | — | — | — |
| ECOsplash | 59 | 49 | 29 | 0.25 | — | 53 | 58 | 62 | 67.7 | 46.1 |
| ECOfit-Turf | — | — | — | — | — | — | — | — | 30.8 | 46.6 |
| ECOfit-Turf Plus | — | — | — | — | — | — | — | — | 47.1 | 41.0 |

All Testing was conducted over a 6" slab with no ceiling.

Glossary:

IIC: Impact Insulation Class (Structure-borne Sound, ASTM E492)

STC: Sound Transmission Class (Airborne Sound, ASTM E90)

Delta IIC: Effectiveness of Floor Coverings in Reducing IIC (Structure-borne Sound, ASTM E2179)

NRC: Noise Reduction Coefficient (Airborne Sound Absorption Within a Room, ASTM C423)

FIS: Floor Impact Sound (Impact Sound in Room with Impact, ASTM E3133)

Contact your Ecore Commercial sales representative for more information and additional testing.

EcoreCommercial.com

877.258.0843

Ecore 2020 Product Performance Summary

April 2020

ACOUSTICS

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| Product | IIC | STC | Δ IIC | NRC | FIS | Heavy Weight Impact Sound Level (dBA) | | | Deltec Test | |
|---------------------|-----|-----|-------|------|-----|---------------------------------------|--------------------------------------|---|------------------------|---------------------------|
| | | | | | | 16lb Shot (39 3/8" drop height) | 35lb Kettleball (18" drop height) | 100lb Plate Weight (18" drop height) | Force Reduction (%) | Energy Restitution (%) |
| Vinyl Rx | 52 | 56 | 23 | 0.15 | 77 | 91 | — | — | 11.5 | 72.0 |
| Aurora Rx | 52 | 53 | 24 | — | 77 | — | — | — | 11.2 | 67.4 |
| Origins | 46 | 53 | 19 | — | 81 | — | — | — | 2.4 | 75.5 |
| ECOsurfaces Classic | 48 | 51 | 19 | 0.05 | — | — | — | — | 2.4 | 75.5 |
| ECOnights | 51 | 50 | 22 | 0.10 | — | 87 | 93 | — | 10.97 | 67.7 |
| ECOfit | 54 | 51 | 24 | 0.10 | — | 89 | 94 | — | 14.5 | 66.7 |
| ECOfit Plus | 58 | 51 | 27 | 0.20 | — | 81 | 89 | — | 35.5 | 51.9 |
| ECOmax 1" | 56 | 52 | 26 | 0.20 | — | 68 | 73 | 88 | 46.3 | 52.1 |
| ECOmax 2.5" | 58 | 51 | 26 | 0.20 | — | — | — | — | — | — |
| ECOsplash | 59 | 49 | 29 | 0.25 | — | 53 | 58 | 62 | 67.7 | 46.1 |
| FITturf Plus | 74 | 51 | 36 | 0.25 | — | — | — | — | 53.4 | 40.2 |

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