# STANDARD PRODUCT ACOUSTICAL PERFORMANCE

True NRC™ OF 0.90 OR GREATER
True NRC™ OF 0.80 OR GREATER
True NRC™ OF 0.70 OR GREATER
True NRC™ OF 0.00 - .070

## 2X4 VAPOR® TORSION SPRING PANELS

| Simulates | Testing Mount | Product | True NRC™ | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | E-300 | Vapor® Cora with Acoustic Backer | 0.90 | 0.89 | |
| Ceiling | E-300 | Vapor® Cluster Dense with Acoustic Backer | 0.85 | 0.86 | |
| Ceiling | E-300 | Vapor® Cumula with Acoustic Backer | 0.85 | 0.81 | |
| Wall | F-70 | Vapor® Pixel with Acoustic Backer | 0.85 | 0.84 | |
| Wall | F-70 | Vapor® Trail with Acoustic Backer | 0.80 | 0.80 | |
| Wall | F-70 | Vapor® Pixel with Acoustic Backer | 0.80 | 0.78 | |
| Wall | F-70 | Vapor® Cluster Dense with Acoustic Backer | 0.75 | 0.79 | |
| Ceiling | E-300 | Vapor® Cora with Acoustic Backer | 0.75 | 0.78 | |
| Wall | F70 | Vapor® Trail with Acoustic Backer | 0.75 | 0.77 | |
| Ceiling | E300 | Vapor® Cumula with Acoustic Backer | 0.75 | 0.77 | |
| Wall | F70 | Vapor® Syntax with Acoustic Backer | 0.65 | 0.64 | |
| Ceiling | E300 | Vapor® Syntax with Acoustic Backer | 0.65 | 0.66 | |
| Wall | F70 | Vapor® Cluster Sparse with Acoustic Backer | 0.60 | 0.61 | |
| Ceiling | E300 | Vapor® Byte with Acoustic Backer | 0.55 | 0.56 | |
| Wall | F70 | Vapor® Cluster Sparse with Acoustic Backer | 0.50 | 0.52 | |
| Ceiling | E300 | Vapor® Byte with Acoustic Backer | 0.50 | 0.51 | |

## 2X4 TRACE® TORSION SPRING PANELS

| Simulates | Testing Mount | Product | | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | E-300 | Trace® Curved with Acoustic Backer | 0.90 | 0.87 | |
| Ceiling | E-300 | Trace® Straight with Acoustic Backer | 0.90 | 0.88 | |
| Wall | F-70 | Trace® Skew with Acoustic Backer | 0.90 | 0.88 | |
| Wall | F-70 | Trace® Curved with Acoustic Backer | 0.80 | 0.79 | |
| Wall | F-70 | Trace® Skew with Acoustic Backer | 0.80 | 0.82 | |
| Ceiling | E-300 | Trace® Straight with Acoustic Backer | 0.75 | 0.79 | |

Note: Testing was conducted through Intertek, Lake Forest, CA per ASTM C423.
Expect a decrease in NRC of about 0.1 if using Soft Sound® Wood Texture.

# STANDARD PRODUCT ACOUSTICAL PERFORMANCE

True NRC™ OF 0.90 OR GREATER
True NRC™ OF 0.80 OR GREATER
True NRC™ OF 0.70 OR GREATER
True NRC™ OF 0.00 - .070

## 2X4 VAPOR® SOFT TORSION SPRING PANELS

| Simulates | Testing Mount | Product | True NRC™ | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | E-300 | Vapor® Soft Cluster Dense with Acoustic Backer | 0.90 | 0.92 | |
| Ceiling | E-300 | Vapor® Soft Cora with Acoustic Backer | 0.90 | 0.90 | |
| Ceiling | E-300 | Vapor® Soft Trail with Acoustic Backer | 0.90 | 0.91 | |
| Wall | F-70 | Vapor® Soft Trail with Acoustic Backer | 0.85 | 0.86 | |
| Wall | F-70 | Vapor® Soft Cluster Dense with Acoustic Backer | 0.80 | 0.84 | |
| Wall | F-70 | Vapor® Soft Cluster Sparse with Acoustic Backer | 0.80 | 0.82 | |
| Wall | F-70 | Vapor® Soft Cora with Acoustic Backer | 0.80 | 0.79 | |
| Ceiling | E-300 | Vapor® Soft Cluster Sparse with Acoustic Backer | 0.75 | 0.78 | |
| Ceiling | E-300 | Vapor® Soft Cluster Sparse with Translucent Backer | 0.50 | 0.51 | |
| Wall | F-70 | Vapor® Soft Cluster Sparse with Translucent Backer | 0.50 | 0.50 | |
| Ceiling | E-300 | Vapor® Soft Trail with Translucent Backer | 0.45 | 0.45 | |
| Wall | F-70 | Vapor® Soft Trail with Translucent Backer | 0.45 | 0.46 | |
| Ceiling | E-300 | Vapor® Soft Cluster Dense with Translucent Backer | 0.40 | 0.42 | |
| Wall | F-70 | Vapor® Soft Cluster Dense with Translucent Backer | 0.40 | 0.42 | |
| Ceiling | E-300 | Vapor® Soft Cora with Translucent Backer | 0.35 | 0.34 | |
| Wall | F-70 | Vapor® Soft Cora with Translucent Backer | 0.30 | 0.31 | |

## 2X4 DELTA DROP® TORSION SPRING PANELS

| Simulates | Testing Mount | Product | | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | E-200 | Delta Drop® Half Infill/Half Circle w/ Acoustic Backer | 0.85 | 0.83 | |
| Wall | F-70 | Delta Drop® Half Infill/Half Circle w/ Acoustic Backer | 0.80 | 0.81 | |
| Ceiling | E-200 | Delta Drop® Full Pattern Circle w/ Acoustic Backer | 0.70 | 0.72 | |
| Wall | F-70 | Delta Drop® Full Pattern Circle w/ Acoustic Backer | 0.70 | 0.72 | |
| Wall | F-70 | Delta Drop® Half Pattern Circle w/ Acoustic Backer | 0.60 | 0.59 | |
| Ceiling | E-200 | Delta Drop® Half Pattern Circle w/ Acoustic Backer | 0.50 | 0.50 | |
| Wall | F-70 | Delta Drop® Full Solid w/ Acoustic Backer | 0.35 | 0.33 | |
| Ceiling | E-200 | Delta Drop® Full Solid w/ Acoustic Backer | 0.20 | 0.22 | |

Note: Testing was conducted through Intertek, Lake Forest, CA per ASTM C423.
Expect a decrease in NRC of about 0.1 if using Soft Sound® Wood Texture.

# STANDARD PRODUCT ACOUSTICAL PERFORMANCE

True NRC™ OF 0.90 OR GREATER
True NRC™ OF 0.80 OR GREATER
True NRC™ OF 0.70 OR GREATER
True NRC™ OF 0.00 - .070

## SOFT**GRID**®

| Simulates | Testing Mount | Product | True NRC™ | SAA | Scale |
|---|---|---|---|---|---|
| Wall | A | Softgrid® Square | 0.75 | 0.74 | |
| Wall | A | Softgrid® Round | 0.70 | 0.71 | |
| Wall | A | Softgrid® Sine | 0.70 | 0.73 | |
| Wall | A | Softgrid® Skyline | 0.70 | 0.72 | |
| Wall | A | Softgrid® Slope | 0.70 | 0.69 | |
| Ceiling | F-400 | Softgrid® Square | 0.65 | 0.63 | |
| Ceiling | F-400 | Softgrid® Round | 0.60 | 0.61 | |
| Ceiling | F-400 | Softgrid® Sine | 0.60 | 0.62 | |
| Ceiling | F-400 | Softgrid® Skyline | 0.60 | 0.62 | |
| Ceiling | F-400 | Softgrid® Slope | 0.60 | 0.62 | |
| Wall | A | Softgrid® Dome | 0.55 | 0.58 | |
| Ceiling | F-400 | Softgrid® Dome | 0.55 | 0.56 | |
| Wall | A | Softgrid® Wave | 0.50 | 0.52 | |
| Ceiling | F-400 | Softgrid® Wave | 0.50 | 0.51 | |

## SOUND**ANGLE**®

| Simulates | Testing Mount | Product | | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | E-300 | SoundAngle® 12″ by 9′ (Fins Touching) | 0.95 | 0.97 | |
| Ceiling | E-300 | SoundAngle® 6″ by 9′ (Fins Touching) | 0.95 | 0.97 | |
| Ceiling | E-300 | SoundAngle® 12″ by 9′ (6″ Gap) | 0.75 | 0.77 | |
| Ceiling | E-300 | SoundAngle® 6″ by 9′ (6″ Gap) | 0.70 | 0.72 | |
| Ceiling | E-300 | SoundAngle® 12″ by 9′ (12″ Gap) | 0.65 | 0.64 | |
| Ceiling | E-300 | SoundAngle® 6″ by 9′ (12″ Gap) | 0.55 | 0.58 | |

Note: Testing was conducted through Intertek, Lake Forest, CA per ASTM C423.
Expect a decrease in NRC of about 0.1 if using Soft Sound® Wood Texture.

ARKTURA

# STANDARD PRODUCT ACOUSTICAL PERFORMANCE

True NRC™ OF 0.90 OR GREATER
True NRC™ OF 0.80 OR GREATER
True NRC™ OF 0.70 OR GREATER
True NRC™ OF 0.00 - .070

## SOUND**EDGE**®

| Simulates | Testing Mount | Product | True NRC™ | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | F-100 | SoundEdge® 12″ by 9′ (6″ Gap) 24mm | 1.10 | 1.10 | |
| Ceiling | F-100 | SoundEdge® 12″ by 9′ (12″ Gap) 24mm | 0.90 | 0.92 | |
| Ceiling | F-100 | SoundEdge® 12″ by 9′ (6″ Gap) 12mm | 0.90 | 0.90 | |
| Ceiling | F-100 | SoundEdge® 12″ by 9′ (12″ Gap) 12mm | 0.75 | 0.75 | |
| Ceiling | F-100 | SoundEdge® 6″ by 9′ (6″ Gap) 24mm | 0.75 | 0.74 | |
| Ceiling | F-100 | SoundEdge® 6″ by 9′ (12″ Gap) 24mm | 0.55 | 0.56 | |
| Ceiling | F-100 | SoundEdge® 6″ by 9′ (6″ Gap) 12mm | 0.55 | 0.53 | |
| Ceiling | F-100 | SoundEdge® 6″ by 9′ (12″ Gap) 12mm | 0.40 | 0.41 | |

## SOUND**STAR**®, SOFT**FOLD**®, TRI**SOFT**®, SOFT**PLANES**®

| Simulates | Testing Mount | Product | | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | E-600 | 24″ Sound Star® | 0.95 | 0.95 | |
| Ceiling | E-700 | 24″ SoundStar® | 0.95 | 0.95 | |
| Ceiling | E-300 | 12″ Sound Star | 0.85 | 0.87 | |
| Ceiling | E-300 | 12″ Sound Star® | 0.85 | 0.87 | |
| Ceiling | E-400 | 12″ SoundStar® | 0.85 | 0.87 | |
| Ceiling | E-300 | SoftFold® | 0.75 | 0.73 | |
| Ceiling | E-300 | SoftFold® | 0.75 | 0.73 | |
| Ceiling | E-300 | TriSoft® | 0.75 | 0.75 | |
| Ceiling | E-300 | SoftPlanes® | 0.65 | 0.68 | |
| Wall | F-70 | SoftPlanes® | 0.65 | 0.67 | |

## SOUND**BAR**®

| Simulates | Testing Mount | Product | | SAA | Scale |
|---|---|---|---|---|---|
| Ceiling | F-100 | SoundBar™ (4x10x96) 6″ O.C | 1.15 | 1.16 | |
| Ceiling | F-100 | SoundBar™ (4x10x96) 12″ O.C | 0.90 | 0.93 | |
| Ceiling | F-100 | SoundBar™ (3x4x96) 6″ O.C | 0.55 | 0.56 | |
| Ceiling | F-100 | SoundBar™ (3x4x96) 12″ O.C | 0.40 | 0.42 | |

Note: Testing was conducted through Intertek, Lake Forest, CA per ASTM C423.
Expect a decrease in NRC of about 0.1 if using Soft Sound® Wood Texture.