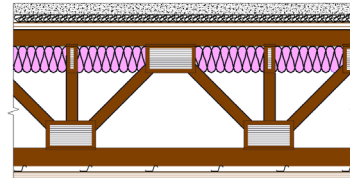




# Sound Test Results

Quiet Qurl® & GSL® Products

## OPEN WEB Assemblies



| Keene Sound Mat   | GSL Gypsum Concrete Depth | Framing Depth | Insulation Type | RC Channel / Cylent Assurance Clip | Layer(s) of Gypsum Board | Floor Covering Type | STC | IIC | Test Number        |
|-------------------|---------------------------|---------------|-----------------|------------------------------------|--------------------------|---------------------|-----|-----|--------------------|
| Quiet Qurl 013    | 3/4"                      | 16"           | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Bare                | 53  |     | 100236043CRT-001b  |
|                   |                           |               |                 |                                    |                          | Ceramic Tile        |     | 56  | 100236043CRT-001a  |
|                   |                           |               |                 |                                    |                          | Eng. Wood           |     | 56  | 100236043CRT-001c  |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 53  | 100236043CRT-001d  |
| Quiet Qurl 013 MT | 3/4"                      | 18"           | 3 1/2" batt     | 16" o.c. w/ Cylent Assurance Clip  | 1 layer                  | Bare                | 60  | 57  | H7706.01-113-11-R0 |
|                   |                           |               |                 |                                    |                          | Eng. Wood           | 60  | 64  | H7706.04-113-11-R0 |
|                   |                           |               | Full Cavity     | 16" o.c.                           | 1 layer                  | Vinyl               | 60  | 62  | H7706.03-113-11-R0 |
|                   |                           |               |                 |                                    |                          | Bare                | 55  | 53  | 101937109CRT-002a  |
|                   | 7/8"                      | 18"           | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Eng. Wood           |     | 56  | 101937109CRT-002d  |
|                   |                           |               |                 |                                    |                          | Vinyl w/Pad         |     | 59  | 101937109CRT-001b  |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 56  | 101937109CRT-001c  |
|                   |                           |               |                 |                                    |                          | Bare                | 55  | 52  | 100700282CRT-002a  |
| Quiet Qurl 025    | 1"                        | 18"           | 3 1/2" batt     | 24" o.c.                           | 1 layer                  | Ceramic Tile        |     | 54  | 100700282CRT-001a  |
|                   |                           |               |                 |                                    |                          | Eng. Wood           |     | 56  | 100700282CRT-001a  |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 53  | 100700282CRT-001a  |
|                   |                           |               |                 |                                    |                          | Bare                | 54  | 51  | 3130401CRT-002     |
| Quiet Qurl 025 MT | 1"                        | 18"           | 6" batt         | 16" o.c.                           | 2 layers                 | Ceramic Tile        |     | 53  | 3130401CRT-002     |
|                   |                           |               |                 |                                    |                          | Eng. Wood           |     | 54  | 3130401CRT-002     |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 53  | 3130401CRT-002     |
|                   |                           |               |                 |                                    |                          | Bare                | 61  | 58  |                    |
|                   |                           |               | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Eng. Wood           |     | 62  | F09-1104           |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 61  |                    |
|                   |                           |               |                 |                                    |                          | Bare                | 62  | 56  | J4155.00A          |
|                   |                           |               |                 |                                    |                          | Vinyl               | 62  | 57  | J4155.01           |
|                   |                           |               |                 |                                    |                          | LVT                 | 62  | 56  | J4155.02           |
|                   |                           |               |                 |                                    |                          | Eng. Wood           | 62  | 56  | J4155.03           |
|                   |                           |               |                 |                                    |                          | Ceramic Tile        | 62  | 58  | J4155.05           |
|                   |                           |               | 3 1/2" batt     | 16" o.c. w/ Cylent Assurance Clip  | 1 layer                  | Bare                | 62  | 58  | J4155.00B          |
|                   |                           |               |                 |                                    |                          | Vinyl               | 62  | 60  | J4155.06           |
|                   |                           |               |                 |                                    |                          | LVT                 | 62  | 61  | J4155.07           |
|                   |                           |               |                 |                                    |                          | Eng. Wood           | 62  | 61  | J4155.08           |
| Quiet Qurl 040    | 1 1/4"                    | 18"           | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Ceramic Tile        | 62  | 62  | J4155.10           |
|                   |                           |               |                 |                                    |                          | Bare                | 58  | 52  | I1132.01           |
|                   |                           |               |                 |                                    |                          | Vinyl / Pad         | 58  | 58  | I1132.02           |
|                   |                           |               |                 |                                    |                          | Eng. Wood           | 57  | 57  | I1132.03           |
|                   |                           |               |                 | 16" o.c. w/ Cylent Assurance Clip  | 1 layer                  | LVT / Pad           | 58  | 58  | I1132.04           |
|                   |                           |               |                 |                                    |                          | Ceramic Tile        | 58  | 55  | I1132.05           |
|                   |                           |               |                 |                                    |                          | Bare                | 60  | 56  | I1132.06           |
|                   |                           |               |                 |                                    |                          | Vinyl / Pad         | 59  | 62  | I1132.07           |
| Quiet Qurl 040 MT | 1"                        | 16"           | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Eng. Wood           | 60  | 62  | I1132.08           |
|                   |                           |               |                 |                                    |                          | LVT / Pad           | 60  | 64  | I1132.09           |
|                   |                           |               |                 |                                    |                          | Bare                |     | 58  | 3158385CRT-001d    |
|                   |                           |               |                 |                                    |                          | Vinyl               |     |     |                    |
| Quiet Qurl 075    | 1 1/2"                    | 18"           | 6" batt         | 16" o.c.                           | 1 layer                  | Bare                | 55  | 59  |                    |
|                   |                           |               |                 |                                    |                          | Ceramic Tile        |     | 60  |                    |
|                   |                           |               |                 |                                    |                          | Eng. Wood           |     | 61  |                    |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 60  |                    |

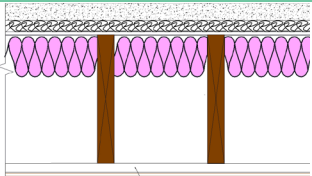
Open Web UL Designs L528, L529, L534, L542, L546, L550, L556, L558, L562, L563, L574, L576, L577, L579, L581, L583, L585, L586, L587, L592, M500, M501, M503 (Equivalent to L521), M508, M510



# Sound Test Results

Quiet Qurl® & GSL® Products

## NOMINAL WOOD JOIST Assemblies



| Keene Sound Mat   | GSL Gypsum Concrete Depth                                                                                                                                                                                                                                                                                                    | Framing Depth | Insulation Type | RC Channel / Cylent Assurance Clip | Layer(s) of Gypsum Board | Floor Covering Type | STC | IIC | Test Number       |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|------------------------------------|--------------------------|---------------------|-----|-----|-------------------|
| Quiet Qurl 013    | 3/4"                                                                                                                                                                                                                                                                                                                         | 10"           | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Bare                | 57  |     | 100302175CRT-001b |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Ceramic Tile        |     | 50  | 100302175CRT-001a |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Eng. Wood           |     | 55  |                   |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Vinyl               |     | 51  |                   |
| Quiet Qurl 025    | 1"                                                                                                                                                                                                                                                                                                                           | 10"           | 3 1/2"          | 16" o.c.                           | 1 layer                  | LVT                 | 60  | 52  | J4551.05          |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Ceramic Tile        |     | 52  | 3163170CRT-001b   |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Eng. Wood           |     | 55  |                   |
|                   |                                                                                                                                                                                                                                                                                                                              | 12"           | 3 1/2"          | 24" o.c.                           | 1 layer                  | Bare                | 54  |     | 3147950CRT-001b   |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Ceramic Tile        |     | 52  | 3147950CRT-001a   |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Eng. Wood           |     | 54  |                   |
| Quiet Qurl 025 MT | 1"                                                                                                                                                                                                                                                                                                                           | 10"           | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Vinyl               |     | 51  |                   |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Bare                | 56  | 53  | 100302175CRT-002c |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Ceramic Tile        |     | 57  | 3163170CRT-001a   |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Eng. Wood           |     | 57  | 3163170CRT-001a   |
| Quiet Qurl 040 MT | 1 1/4"                                                                                                                                                                                                                                                                                                                       | 10"           | 3 1/2" batt     | 16" o.c.                           | 1 layer                  |                     |     | 53  | 100302175CRT-001c |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Bare                | 57  |     | 100340878CRT-002b |
|                   |                                                                                                                                                                                                                                                                                                                              |               |                 |                                    |                          | Vinyl               |     | 54  | 100340878CRT-001b |
| UL Designs        | L006, L201, L202, L208, L209, L210, L211, L212, L501, L502, L503, L504, L505, L506, L507, L508, L509, L510, L511, L512, L513, L514, L515, L516, L517, L519, L520, L522, L523, L525, L526, L532, L533, L535, L536, L537, L539, L540, L541, L545, L557, L569, L588, L593, L598, M504, M514, M517, M518, M519, M528, M531, M538 |               |                 |                                    |                          |                     |     |     |                   |

## WOOD RETROFIT Assemblies



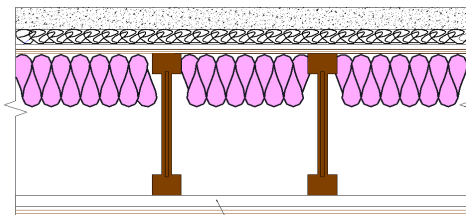
| Keene Sound Mat   | GSL Gypsum Concrete Depth | Framing Depth | Insulation Type | RC Channel / Cylent Assurance Clip | Layer(s) of Gypsum Board | Floor Covering Type | STC | IIC | Test Number |
|-------------------|---------------------------|---------------|-----------------|------------------------------------|--------------------------|---------------------|-----|-----|-------------|
| Quiet Qurl 025    | 1"                        | 14"           | None            | None                               | None                     | Vinyl               | 51  | 52  |             |
| Quiet Qurl 025 MT | 2"                        | 12"           | None            | None                               | None                     | Bare                | 58  | 47  | F10-413     |
|                   |                           |               |                 |                                    |                          | Ceramic Tile        |     | 47  |             |
|                   |                           |               |                 |                                    |                          | Eng. Wood           |     | 50  |             |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 50  |             |
| Quiet Qurl 075    | 2"                        | 12"           | None            | None                               | None                     | Bare                | 58  | 52  | F10-413     |
|                   |                           |               |                 |                                    |                          | Ceramic Tile        |     | 52  |             |
|                   |                           |               |                 |                                    |                          | Eng. Wood           |     | 55  |             |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 55  |             |
| Quiet Qurl 075 MT | 2"                        | 12"           | None            | None                               | None                     | Bare                | 60  | 56  | F10-413     |
|                   |                           |               |                 |                                    |                          | Ceramic Tile        |     | 58  |             |
|                   |                           |               |                 |                                    |                          | Eng. Wood           |     | 59  |             |
|                   |                           |               |                 |                                    |                          | Vinyl               |     | 59  |             |



# Sound Test Results

Quiet Qurl® & GSL® Products

## I JOIST Assemblies



| Keene Sound Mat   | GSL Gypsum Concrete Depth | Framing Depth                                                                            | Insulation Type | RC Channel / Cylent Assurance Clip | Layer(s) of Gypsum Board | Floor Covering Type | STC | IIC | Test Number       |
|-------------------|---------------------------|------------------------------------------------------------------------------------------|-----------------|------------------------------------|--------------------------|---------------------|-----|-----|-------------------|
| Quiet Qurl 013    | 3/4"                      | 11 7/8"                                                                                  | 3 1/2" batt     | 16" o.c.                           | 2 layers                 | Ceramic             | 58  | 56  | 100302175CRT-001a |
|                   |                           |                                                                                          |                 |                                    |                          | Eng. Wood           | 58  | 58  | 100302175CRT-001a |
|                   |                           |                                                                                          |                 |                                    |                          | Vinyl               | 58  | 52  | 100302175CRT-001a |
| Quiet Qurl 025    | 1"                        | 11 7/8"                                                                                  | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Ceramic             | 53  | 54  | 3123796CRT-001b   |
|                   |                           |                                                                                          |                 |                                    |                          | Eng. Wood           | 53  | 57  |                   |
|                   |                           |                                                                                          |                 |                                    |                          | Vinyl               | 53  | 53  |                   |
|                   |                           |                                                                                          |                 |                                    | 2 layers                 | LVT                 | 61  | 53  | J4551.04          |
| Quiet Qurl 025 MT | 1 1/4"                    | 11 7/8"                                                                                  | 3 1/2" batt     | 12" o.c.                           | 2 layers                 | Bare                |     | 54  | 100430978CRT-001g |
|                   |                           |                                                                                          |                 |                                    |                          | Ceramic Tile        |     | 56  |                   |
|                   |                           |                                                                                          |                 |                                    |                          | Eng. Wood           |     | 59  |                   |
|                   |                           |                                                                                          |                 |                                    |                          | Vinyl               |     | 56  |                   |
| Quiet Qurl 040    | 1 1/2"                    | 14"                                                                                      | 5 1/2" batt     | 24" o.c.                           | 2layers                  | Bare                |     | 53  | 3103841CRT-001a   |
|                   |                           |                                                                                          |                 |                                    |                          | Ceramic Tile        |     | 54  | 3103841CRT-001a   |
|                   |                           |                                                                                          |                 |                                    |                          | Eng. Wood           |     | 56  | 3103841CRT-001a   |
|                   |                           |                                                                                          |                 |                                    |                          | Vinyl               |     | 54  | 3103841CRT-001a   |
|                   | 1 1/4"                    | 11 7/8"                                                                                  | 3 1/2"          | 16" o.c.                           | 2 layers                 | LVT                 | 61  | 53  | J4551.02          |
| Quiet Qurl 040 MT | 1"                        | 11 7/8"                                                                                  | 3 1/2" batt     | 16" o.c.                           | 2layers                  | Bare                | 57  | 60  |                   |
|                   |                           |                                                                                          |                 |                                    |                          | Ceramic Tile        |     | 59  |                   |
|                   |                           |                                                                                          |                 |                                    |                          | Eng. Wood           |     | 61  |                   |
|                   |                           |                                                                                          |                 |                                    |                          | Vinyl               |     | 61  |                   |
| UL Designs        |                           | L518, L530, L538, L537, L570, L583, L589, L590, M502, M506, M511, M512, M515, M530, M535 |                 |                                    |                          |                     |     |     |                   |

## CONCRETE Assemblies

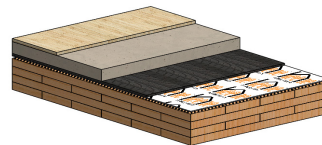
| Keene Sound Mat | GSL Gypsum Concrete Depth                            | Framing Depth | Insulation Type | RC Channel / Cylent Assurance Clip | Layer(s) of Gypsum Board | Floor Covering Type | STC | IIC | Test Number    |
|-----------------|------------------------------------------------------|---------------|-----------------|------------------------------------|--------------------------|---------------------|-----|-----|----------------|
| Quiet Qurl 013  | 3/4"                                                 | 9"            | None            | None                               | None                     | Bare                | 55  | 48  | F18-0375       |
| Quiet Qurl 025  | 1"                                                   | 6"            | None            | None                               | None                     | Vinyl               |     | 54  | 3033285-003    |
|                 |                                                      |               | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Vinyl               |     | 63  | 3033285-002    |
| Quiet Qurl 040  | 1"                                                   | 6"            | None            | None                               | None                     | Vinyl               |     | 53  | 3033285-002    |
|                 |                                                      |               |                 |                                    |                          | Eng. Wood           |     | 55  |                |
|                 |                                                      |               |                 |                                    |                          | Vinyl               |     | 64  |                |
|                 | 2 3/4"                                               | 8"            | 3 1/2" batt     | 16" o.c.                           | 1 layer                  | Eng. Wood           |     | 68  | 6853.01-202-10 |
|                 |                                                      |               | None            | None                               | None                     | Bare                | 63  | 56  |                |
| UL Designs      | J917, J919, J920, J924, J927, J931, J957, J991, J994 |               |                 |                                    |                          |                     |     |     |                |



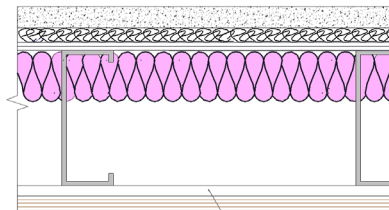
# Sound Test Results

Quiet Qurl® & GSL® Products

## CLT System Assemblies



| Keene Sound Mat                                 | GSL Gypsum Concrete Depth | Framing Depth | Insulation Type | RC Channel / Cylent Assurance Clip | Layer(s) of Gypsum Board | Floor Covering Type | STC | IIC | Test Number |
|-------------------------------------------------|---------------------------|---------------|-----------------|------------------------------------|--------------------------|---------------------|-----|-----|-------------|
| 5mm Quiet Qurl Step Soft Over Quiet Qurl 040 MT | 2.5" GSL M3.4             | 5-Ply CLT     | None            | None                               | None                     | 5.5mm LVT           |     | 53  | K3686.06    |
| 5mm Quiet Qurl Step Soft Over Quiet Qurl 075 MT | 2.5" GSL M3.4             | 5-Ply CLT     | None            | None                               | None                     | 5.5mm LVT           |     | 56  | K3686.03    |
| Quiet Qurl 075 MT                               | 2" GSL M3.4               | 5-Ply CLT     | None            | None                               | None                     | 5.5mm LVT           |     | 54  | K3686.02    |
| KeedeRoll MT                                    | 1" Dependable Platform L2 | 5-Ply CLT     | None            | None                               | None                     | 5.5mm LVT           |     | 58  | K3686.04    |
| Quiet Qurl 040MT                                | 2" GSL M3.4               |               |                 |                                    |                          |                     |     |     |             |
| KeedeRoll MT                                    | 1" Dependable Platform L2 | 5-Ply CLT     | None            | None                               | None                     | 5.5mm LVT           |     | 60  | K3686.01    |
| Quiet Qurl 040MT                                | 2" GSL M3.4               |               |                 |                                    |                          |                     |     |     |             |



## STEEL JOIST Assemblies

| Keene Sound Mat   | GSL Gypsum Concrete Depth                                                                                                                | Framing Depth        | Insulation Type | RC Channel / Cylent Assurance Clip | Layer(s) of Gypsum Board | Floor Covering Type | STC | IIC | Test Number    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|------------------------------------|--------------------------|---------------------|-----|-----|----------------|
| Quiet Qurl 025 MT | 1 1/4"                                                                                                                                   | #8 Trade-Ready Joist | 3 1/2" batt     | 12" o.c.                           | 1 layer                  | Bare                | 55  | 53  | 184607CRT-002c |
|                   |                                                                                                                                          |                      |                 |                                    |                          | Ceramic Tile        |     | 56  |                |
|                   |                                                                                                                                          |                      |                 |                                    |                          | Eng. Wood           |     | 57  |                |
|                   |                                                                                                                                          |                      |                 |                                    |                          | Vinyl               |     | 57  |                |
| UL Designs        | G553, G561, G565, G577, G578, G579, G580, G581, G582, L524, L527, L543, L549, L551, L552, L559, L560, L564, L565, L568, L573, M513, M536 |                      |                 |                                    |                          |                     |     |     |                |