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KINETICS®

STC/IIC Sound Test Data, All Wood-Framed Construction

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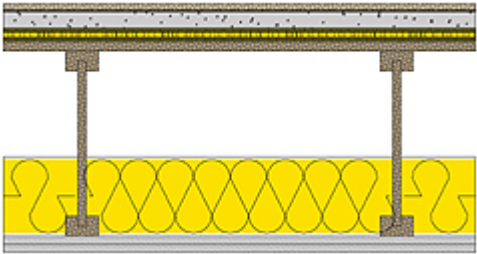
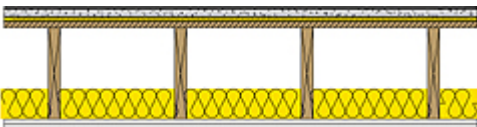

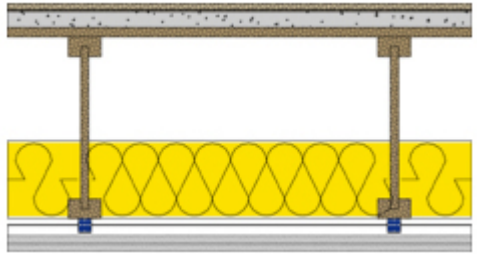

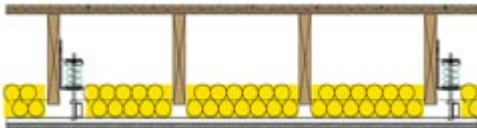

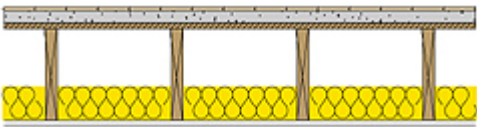

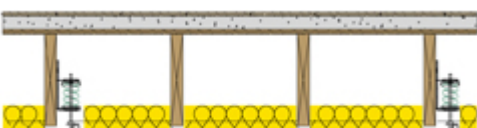

[All Wood](#)

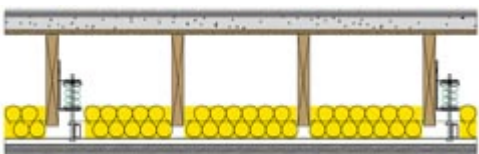

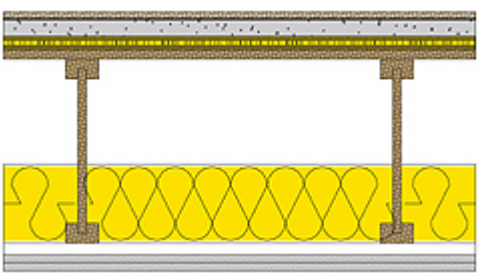

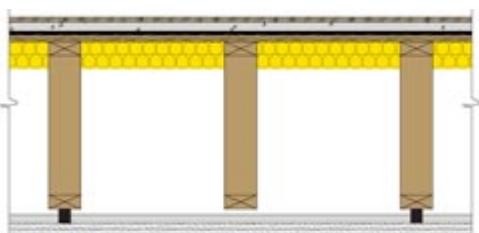

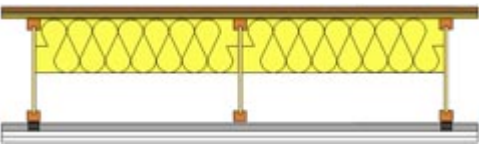

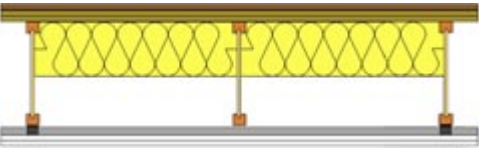

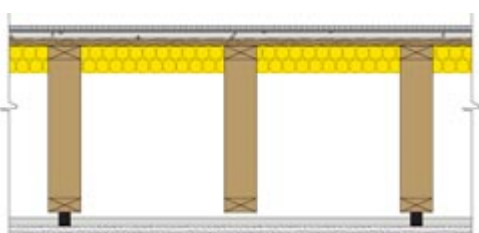

[Above Deck](#)

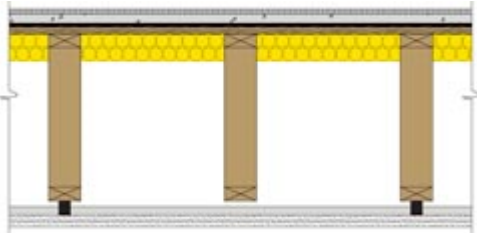

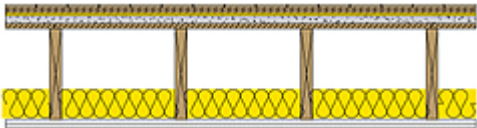

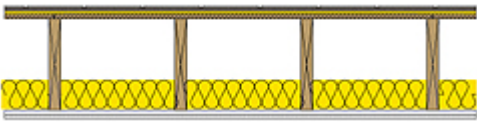

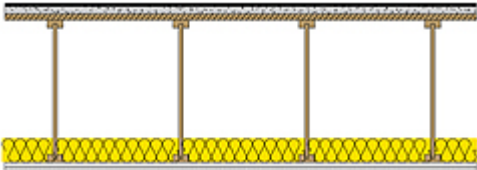

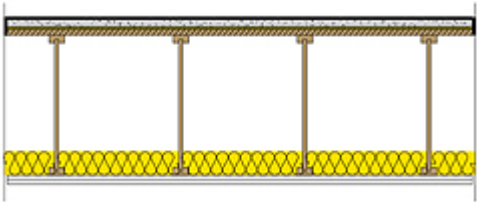

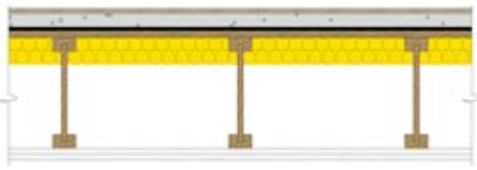

[Below Deck](#)

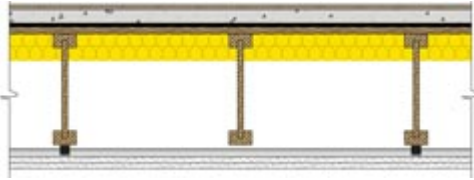

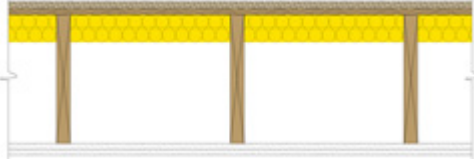

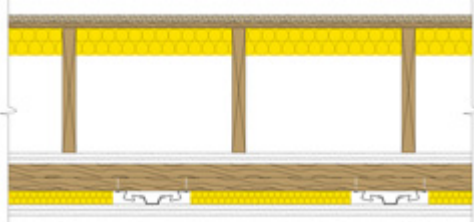







[Above and Below Deck](#)

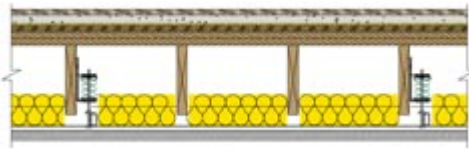

Description	STC	IIC	Sections	Test #
1" Oak Hardwood Floor 3" Subfloor		FIIC 15		AT001033
3/4" Oak Hardwood Floor 3/4" Sleepers 1-1/2" Gypsum Concrete 2 Layers 1/2" Oriented Strand Board (OSB) 1" KINETICS RIM L-1-16 1" Oak Hardwood Floor 3" Subfloor	FSTC 50	FIIC 45		AT001034
3/4" T&G Hardwood Floor 5/8" Plywood 1" KINETICS RIM Isolation Material 3-1/2" Timber Deck	ATSC 49	FIIC 48		AT001108
3" Lightweight Concrete (polished) 1/2" Plywood 2" KINETICS RIM L-2-16 3-1/2" Wood Deck Subfloor Steel Beam and Glue Lam Joist Support No Ceiling	NNIC 62	FIIC 54		AT001071
Hardwood Floor with 1/8" Pad 1-1/4" Gypsum Concrete 3/4" Plywood 14" I-Joist 6" Fiberglass Insulation 2 Layers of 5/8" Gypsum Board No Resilient Channel	51	39		AT001081
Hardwood Floor with 1/8" Pad 1-1/4" Gypsum Concrete 1" KINETICS Ultra Quiet SR Floorboard 3/4" Plywood 14" I-Joist 6" Fiberglass Insulation 2 Layers of 5/8" Gypsum Board	53	51		AT001078

No Resilient Channel				
Vinyl Flooring 1-1/2" Gypsum Concrete 5/8" KINETICS SR Floorboard 3/4" OxBoard 2x12 Joists R-11 Fiberglass Insulation 1/2" Resilient Channel 5/8" Gypsum Board	FSTC 54	FIIC 53		AT001041 
Hardwood Floor with 1/8" Pad 1-1/4" Gypsum Concrete 3/4" Plywood 14" I-Joist 6" Fiberglass Insulation KINETICS IsoMax Clips 7/8" Drywall Furring Channel 2 Layers of 5/8" Gypsum Board	54	57		AT001085 
Description	STC	IIC	Sections	Test #
5/16" Parquet Flooring 5/8" Plywood 2x10 Joists KINETICS ICW Ceiling Hanger Cold Rolled Channel (CRC) Drywall Furring Channel 3-1/2" Fiberglass Insulation 2 Layers 5/8" Gypsum Board	59	52		AT001028 
3/8" Wood Floor 1-1/2" Concrete Slab 5/8" Plywood 2x10 Joists 3-1/2" Fiberglass Insulation 2 Layers 5/8" Gypsum Board	51	40		AT001021a 
3/8" Wood Floor 1-1/2" Concrete Slab 5/8" Plywood 2x10 Joists KINETICS ICW Ceiling Hanger Cold Rolled Channel (CRC) Drywall Furring Channel 3-1/2" Fiberglass Insulation 2 Layers 5/8" Gypsum Board	76	62		AT001021b 
Carpet 3/8" Carpet Pad 1-1/2" Concrete Slab 5/8" Plywood 2x10 Joists				AT001021c

KINETICS ICW Ceiling Hanger Cold Rolled Channel (CRC) Drywall Furring Channel 3-1/2" Fiberglass Insulation 2 Layers 5/8" Gypsum Board	73	89		
Hardwood Floor with 1/8" Pad 1-1/4" Gypsum Concrete 1" KINETICS Ultra Quiet SR Floorboard 3/4" Plywood 14" I-Joist 6" Fiberglass Insulation Resilient Channel 2 Layers of 5/8" Gypsum Board	54	59		AT001077 
1/2" Engineered Wood Floor Stock Underlayment 2mm 1" Gypsum Concrete 1/4" Acousti-Mat II 3/4" OSB R-19 Batt Insulation 18" Open Web Wood Joist at 24" O.C. KINETICS WAVE Hanger 7/8" Drywall Furring (Hat) Channel 2 Layers 5/8" Type X Gypsum Board		61		AT001093 
Engineered Hardwood Floor KINETICS IsoLayment BR 3mm 3/4" Plywood Sheathing R-19 Batt Insulation 12" I-Joist at 24" O.C. KINETICS WAVE Hanger 7/8" Drywall Furring (Hat) Channel 2 Layers 5/8" Type X Gypsum Board	60	57		AT001091 
Ceramic Tile KINETICS IsoLayment HB 3mm 5/8" Plywood Sheathing 3/4" Plywood Sheathing R-19 Batt Insulation 12" I-Joist at 24" O.C. KINETICS WAVE Hanger 7/8" Drywall Furring (Hat) Channel 2 Layers 5/8" Type X Gypsum Board	61	56		AT001092 
Quarry Tile KINETICS IsoLayment HB 3mm 3/4" Gypsum Concrete 3/4" OSB R-19 Batt Insulation 18" Open Web Wood Joist at 24" O.C. KINETICS WAVE Hanger 7/8" Drywall Furring (Hat) Channel 2 Layers 5/8" Type X Gypsum Board	60	56		AT001097 
Quarry Tile 1" Gypsum Concrete				

1/4" Acousti-Mat II 3/4" OSB R-19 Batt Insulation 18" Open Web Wood Joist at 24" O.C. KINETICS WAVE Hanger 7/8" Drywall Furring (Hat) Channel 2 Layers 5/8" Type X Gypsum Board	60	56		AT001094 
<u>Description</u>	<u>STC</u>	<u>IIC</u>	<u>Sections</u>	<u>Test #</u>
Wood Flooring 2 Layers 3/8" Plywood 5/16" KINETICS Soundmatt 1" Gypsum Concrete 5/8" Plywood 2x12 Joists 4" Mineral Fiber Batts 1/2" Resilient Channel 5/8" Fire-Rated Gypsum Board	58	54		AT001042 
Ceramic Tile 1/2" Wonderboard 5/16" KINETICS Soundmatt with Roofing Felt Underlayment 5/8" Plywood 2x12 Joists 4" Mineral Fiber Batts 1/2" Resilient Channel 5/8" Fire-Rated Gypsum Board	63	54		AT001044 
Vinyl Floor Covering 1" Gypsum Concrete 3/4" Oriented Stand Board (OSB) 18" I-Joist 3" Mineral Fiber Batts Resilient Channel 5/8" Gypsum Board		FIIC 33	 AT001046A	AT001046 
Vinyl Floor Covering 1" Gypsum Concrete 5/16" KINETICS Soundmatt 3/4" Oriented Stand Board (OSB) 18" I-Joist 3" Mineral Fiber Batts Resilient Channel 5/8" Gypsum Board		FIIC 51	 AT001046B	AT001046 
Hardwood/Laminate Finish Floor 1-1/2" Gypsum Concrete Acousti-Mat II Underlayment 13/16" Oriented Stand Board (OSB) Blown-in Fiber Glass 18" I-Joist 2 Layers 5/8" Gypsum Board	FSTC 54	FIIC 45	 AT001096A	AT001096 
Hardwood/Laminate Finish Floor 1-1/2" Gypsum Concrete Acousti-Mat II Underlayment 13/16" Oriented Stand Board (OSB) Blown-in Fiber Glass	FSTC 61	FIIC 62		AT001096

18" I-Joist KINETICS IsoMax Clips 7/8" Drywall Furring Channel 2 Layers 5/8" Gypsum Board			 AT001096B	
3/4" (19) Oak Floor 1 Layer 0.69" (18) Plywood Sheathing 6" Thick Fiberglass 0.60 PCF 14" (356) Solid Wood I-Joist at 16" (406) OC 2 Layers 5/8" (16) Type X Drywall	NNIC 44	FIIC 48	 AT001098A	AT001098 
3/4" (19) Oak Floor 1 Layer 0.69" (18) Plywood Sheathing 6" Thick Fiberglass 0.60 PCF 14" (356) Solid Wood I-Joist at 16" (406) OC 2 Layers 5/8" (16) Type X Drywall 2 2x4 Wood Studs, Stacked Horizontally Across Joists KINETICS WAVE Hanger 3-1/2" (89) Thick Fiberglass 2 Layers 5/8" (16) Type X Drywall 7/8" (22) Drywall Furring Channel	NNIC 63	FIIC 63	 AT001098B	AT001098 
3/4" Wood Flooring 3/4" Wood Subflooring 3"x14" Wood Joist Supported on 15"x15" Exposed Wood Beams	NIC 28	FIIC 22	 AT001099A	AT001099 
3/4" Wood Flooring 3/4" Wood Subflooring 3"x14" Wood Joist Supported on 15"x15" Exposed Wood Beams Attachment to Wood Joist KINETICS ICW Hanger Cold Rolled Channel 3-1/2" Fiber Glass Batt Insulation Drywall Furring Channel 2 Layers 5/8" Gypsum Board	NIC 49	FIIC 51	 AT001099B	AT001099 
Hardwood Floor Over Vapor Barrier Mat 2 Layers Existing 1" x 6" Wood Subfloor 2x10 Joists 16" OC 6" Fiberglass Insulation 5/8" Gypsum Board	FSTC 31	FIIC 27	 AT001087A	AT001087 
Hardwood Floor Over Vapor Barrier Mat 1-1/4" AccuCrete Gypsum-Based Concrete Slab 3/8" AccuQuiet Resilient Floor Underlayment				

3/4" Plywood 2 Layers Existing 1" x 6" Wood Subfloor 2x10 Joists 16" OC KINETICS ICW Ceiling Hanger 6" Fiberglass Insulation Cold Rolled Channel (CRC) Drywall Furring Channel 2 Layers 5/8" Gypsum Board	FSTC 57	FIIC 62	 AT001087B	AT001087 
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