



# Floor/Ceiling Assemblies

## Document Name

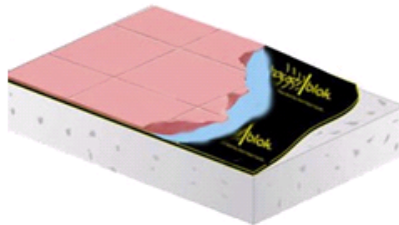
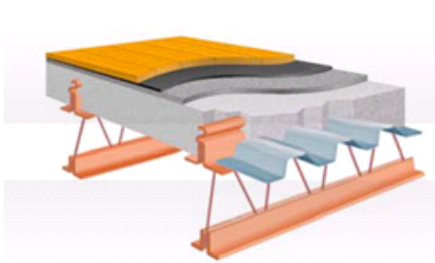
### Acoustiblok® Sound Isolation Material Floor/Ceiling Installation Test Index

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Test Report	Type	Rating	Floor/Ceiling Assembly Description
<b>Concrete Subfloor</b>			
NGC 7006007	Delta $\Delta$ Floor IIC $L_{nw}$	14	Tile, 32oz Acoustiblok, 6 in concrete slab - difference with/without Acoustiblok floor assembly <i>No Ceiling Assembly Beneath The Slab, Ceiling Assemblies Typically Add 9-14 Points To The IIC Rating</i>
NGC 7006008	Delta $\Delta$ Floor IIC $L_{nw}$	12	Tile, 16oz Acoustiblok, 6 in concrete slab - difference with/without Acoustiblok floor assembly <i>No Ceiling Assembly Beneath The Slab, Ceiling Assemblies Typically Add 9-14 Points To The IIC Rating</i>
3102643-001a	Floor IIC $L_{nw}$	50 60	Tile, 16 oz Acoustiblok, Acoustiwool-TF0.11, on 6 in concrete slab ** <i>No Ceiling Assembly Beneath The Slab, Ceiling Assemblies Typically Add 9-14 Points To The IIC Rating</i> ** NOTE: Tile Council of North America rated this floor assembly "Residential" per the Robinson Floor Test (ASTM C627) Refer to Report # TCNA-308-06 in the Acoustiblok® material test section.
3102643-001b	Delta $\Delta$ Floor IIC $L_{nw}$	23	
NGC 7006009	Floor IIC $L_{nw}$	67 43	6 in concrete slab with quarry tile, 16oz Acoustiblok, suspended grid drywall ceiling
NGC 5006007	Floor STC	74	
NGC 7006083	Floor IIC $L_{nw}$	51 59	Oak floor, Acoustiblok, Acoustiwool-WF0.125, on Hambro MD2000 Steel Floor Assembly
NGC 5006055	Floor STC	52	
NGC 7006081	Floor IIC $L_{nw}$	50 60	Quarry tile, Acoustiblok, Acoustiwool-TF0.11, on Hambro MD2000 Steel Floor Assembly
NGC 5006053	Floor STC	52	
NGC 7006004	Floor IIC $L_{nw}$	40 70	6 in concrete slab with quarry tile and 32oz Acoustiblok <i>No Ceiling Assembly Beneath The Slab, Ceiling Assemblies Typically Add 9-14 Points To The IIC Rating</i>
NGC 5006004	Floor STC	53	
NGC 7006006	Floor IIC $L_{nw}$	38 72	6 in concrete slab with quarry tile and 16oz Acoustiblok <i>No Ceiling Assembly Beneath The Slab, Ceiling Assemblies Typically Add 9-14 Points To The IIC Rating</i>
NGC 5006006	Floor STC	54	

Test Report	Type	Rating	Floor/Ceiling Assembly Description
<b>Wood Subfloor</b>			
3107558-003	Floor IIC $L_{nw}$	56 54	Wood Floor, 16oz Acoustiblok, Acoustiwool-WF0.125, Wood Joist, channel ceiling
3107558-004	Floor STC	54	
NGC 7003075	Floor IIC $L_{nw}$	54 56	Oak on plywood, rubber underlayment, plywood, 16oz Acoustiblok, channel ceiling
NGC 5003031	Floor STC	56	
NGC 7003073	Floor IIC $L_{nw}$	53 57	Oak on plywood, soundmat underlayment, plywood, 16oz Acoustiblok, channel ceiling
NGC 5003029	Floor STC	56	
NGC 7006002	Floor IIC $L_{nw}$	51 59	Oak floor on plywood substrate, 32oz Acoustiblok, OSB subfloor, channel ceiling
NGC 5006002	Floor STC	55	
NGC 7006003	Floor IIC $L_{nw}$	49 61	Oak floor on plywood substrate, 16oz Acoustiblok, OSB subfloor, channel ceiling
NGC 5006003	Floor STC	55	
NGC 7003074	Floor IIC $L_{nw}$	67 43	Carpet, pad, soundmat underlayment, 16oz Acoustiblok, channel ceiling
NGC 5003030	Floor STC	54	

Note:  $L_{inc}$  ratings from conversion:  $L_{inc} = 110 - IIC$

$R_w$  and STC ratings vary marginally in the equation  $R_w = .98STC + 1.1$ ; however, they remain generally identical





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