

ISO Layment QT Test Reports Summary

Concrete Slab and Composite Deck - Acoustical Lab Test Reports

Floor Description	Ceiling	Finish	ISO Layment	IIC	ΔIIC	STC	Test Number
6" Concrete Slab	No	Bare	No	27			NGC 7001003 NGC 7007066
6" Concrete Slab	No	Vinyl Sheet	QT-F05	53	23		NGC 7007067
8" Concrete Slab	No	Bare	No	32			NGC 7002031
8" Concrete Slab	No	Engineered Wood	QT-F02W	54			NGC 7005072
8" Concrete Slab	No	Quarry Tile	QT-F05	50			NGC 7006028 NGC 7006032
8" Concrete Slab	No	Quarry Tile	QT-F10	53		53	NGC 5006071 NGC 7006029
8" Concrete Slab	No	Quarry Tile	QT-F12	55		55	NGC 5003007
4" Concrete Hambro D500 System	one (1) layer 1/2" GWB on furring channel	Engineered Wood	QT-F10W	51		54	NGC 7006005 NGC 5006005

Wood-Framed with Fiber Glass between Joists - Acoustical Lab Test Reports

Floor Description	Ceiling	Finish	ISO Layment	IIC	STC	Test Number
3/4" gypsum concrete over 3/4" OSB on 18" open web wood joists	one (1) layer 5/8" GWB on RC Deluxe channel ceiling	Ceramic Tile	QT-F06 <i>directly under tile</i>	53	55	NGC 7004013 NGC 5004004
1" gypsum concrete over plywood on 2x10 wood joists	two (2) layers 5/8" GWB on RC Deluxe	Bare	QT-B06/3 <i>directly under gypsum concrete</i>	53		NGC 7002063
1" gypsum concrete over plywood on 2x10 wood joists	one (1) layer 5/8" GWB on RC Deluxe	Vinyl Sheet	QT-B06/3 <i>directly under gypsum concrete</i>	53		NGC 7003003
1" gypsum concrete over plywood on 2x10 wood joists	one (1) layer 5/8" GWB on RC Deluxe	Stone Tile	QT-B06/3 <i>directly under gypsum concrete</i>	51		NGC 7003004
1" gypsum concrete over plywood on 2x10 wood I-joists	two (2) layers 5/8" GWB on RC Deluxe	Vinyl Sheet	QT-F05 <i>directly under gypsum concrete</i>	53		NGC 7003005
3/4" plywood on 12" wood I-joists	two (2) layers 5/8" GWB on WAVE Hanger suspended furring channels	Engineered Wood	QT-F03 <i>directly under wood floor</i>	57	60	RAL IN09-053 RAL TL09-350
5/8" plywood over 3/4" plywood on 12" wood I-joists	two (2) layers 5/8" GWB on WAVE Hanger suspended furring channels	Ceramic Tile	QT-F03 <i>directly under tile</i>	56	61	RAL IN09-055 RAL TL09-377

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Post-Tensioned Concrete - Field Test Reports

<u>Floor Description</u>	<u>Ceiling</u>	<u>Finish</u>	<u>ISO Layment</u>	<u>FIIC</u>	<u>Test Number</u>
QT-F05					
Eight-inch (8") PT Slab	No	Ceramic Tile	<i>directly under tile</i>	59	WEAL F07-195
QT-F10					
Eight-inch (8") PT Slab	No	Ceramic Tile	<i>directly under tile</i>	60	WEAL F07-193 and F07-197
Eight-inch (8") PT Slab	No	Bare	No	35	WEAL F07-198
QT-F05					
Seven-inch (7") PT Slab	No	Ceramic Tile	<i>directly under tile</i>	51	WEAL F02-153
QT-F05					
Seven-inch (7") PT Slab	No	Wood Plank	<i>directly under plank</i>	56	WEAL F02-154
Seven-inch (7") PT Slab	No	Ceramic Tile	No	33	WEAL F02-155