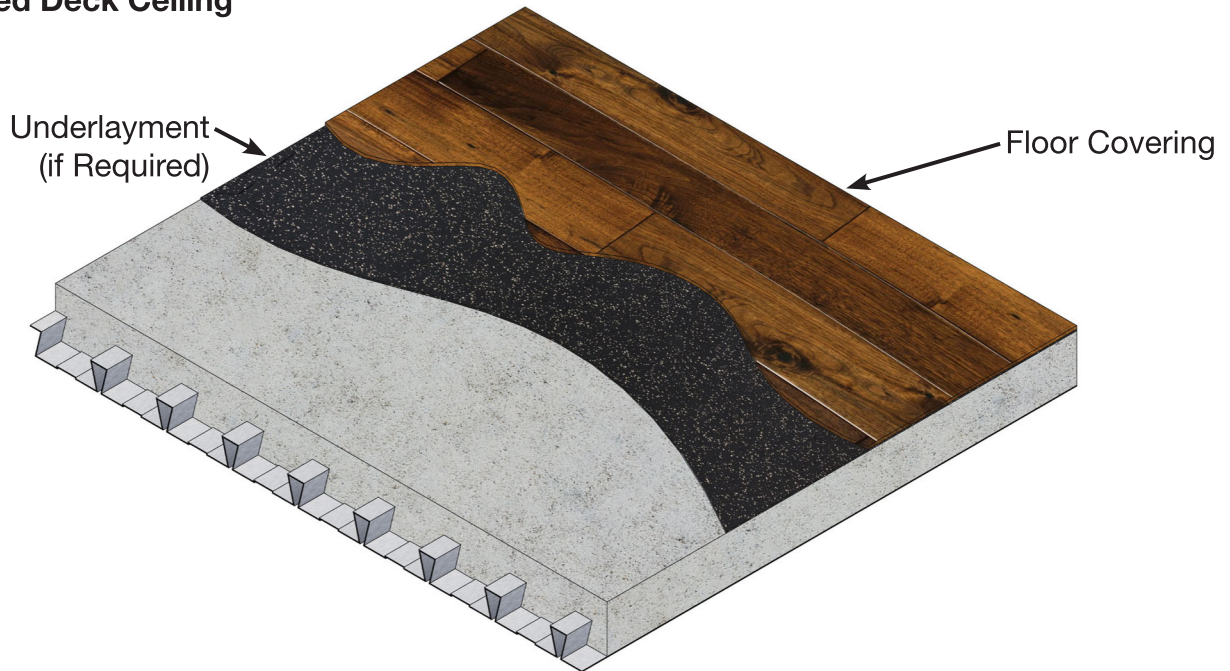


2.0D DOVETAIL FORMLOK® DECK-SLAB ACOUSTICAL SOLUTIONS

ACHIEVE QUIET SPACES WITH PREMIUM FINISHES BY USING THE SUPERIOR STC AND IIC RATINGS OF 2.0D FORMLOK DECK-SLABS

2.0D FORMLOK DECK-SLAB

- 2" (51 mm) Deep Composite Deck
- 5½" (140 mm) Total Slab Depth
- Normal Weight Concrete (145 pcf / 2325 kg/m³)
- Exposed Deck Ceiling



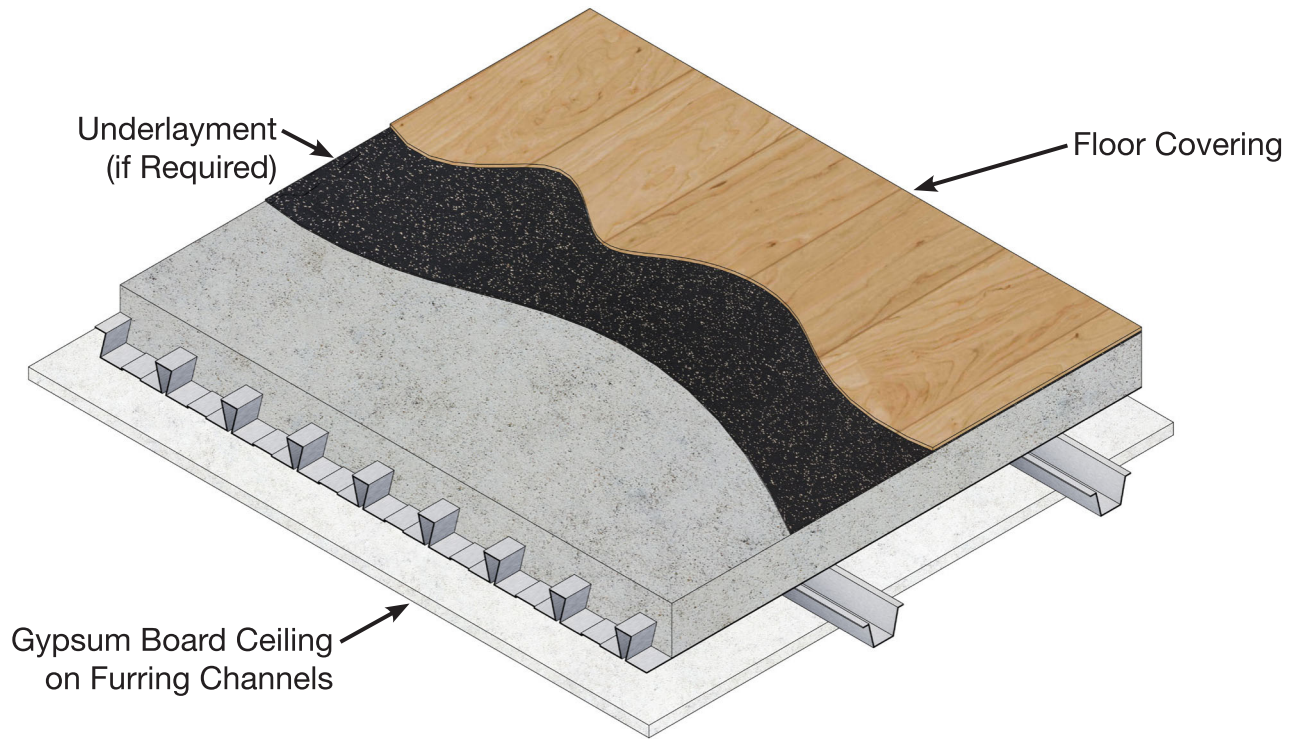
Exposed Deck (No Ceiling)

Floor Covering	Underlayment	STC	IIC	Intertek Test No.
Ceramic Tile	5 mm ECOsilence	51	41	H7786.06
Engineered Wood	5 mm ECOsilence	50	50	H7786.05
Fusion Hybrid Vinyl Plank	2 mm ECOsilence	46	51	H7786.02
Attain Luxury Vinyl Tile	5 mm ECOsilence	52	51	H7786.03
Forest Rx Rubber Backed Sheet Vinyl	None	51	51	H7786.04
Exposed Concrete	None	52	23	H7786.01

2.0D DOVETAIL FORMLOK® DECK-SLAB ACOUSTICAL SOLUTIONS

2.0D FORMLOK DECK-SLAB

- 2" (51 mm) Deep Composite Deck
- 5½" (140 mm) Total Slab Depth
- Normal Weight Concrete (145 pcf / 2325 kg/m³)
- Gypsum Board Ceiling



Gypsum Board Ceiling on Furring Channels Directly Attached to Deck

Floor Covering	Underlayment	STC	IIC	Intertek Test No.
Ceramic Tile	5 mm ECOsilence	53	47	H7786.12
Engineered Wood	5 mm ECOsilence	50	50	H7786.11
Fusion Hybrid Vinyl Plank	2 mm ECOsilence	51	50	H7786.08
Attain Luxury Vinyl Tile	2 mm ECOsilence	52	50	H7786.09
Forest Rx Rubber Backed Sheet Vinyl	None	50	50	H7786.10
Exposed Concrete	None	52	32	H7786.07

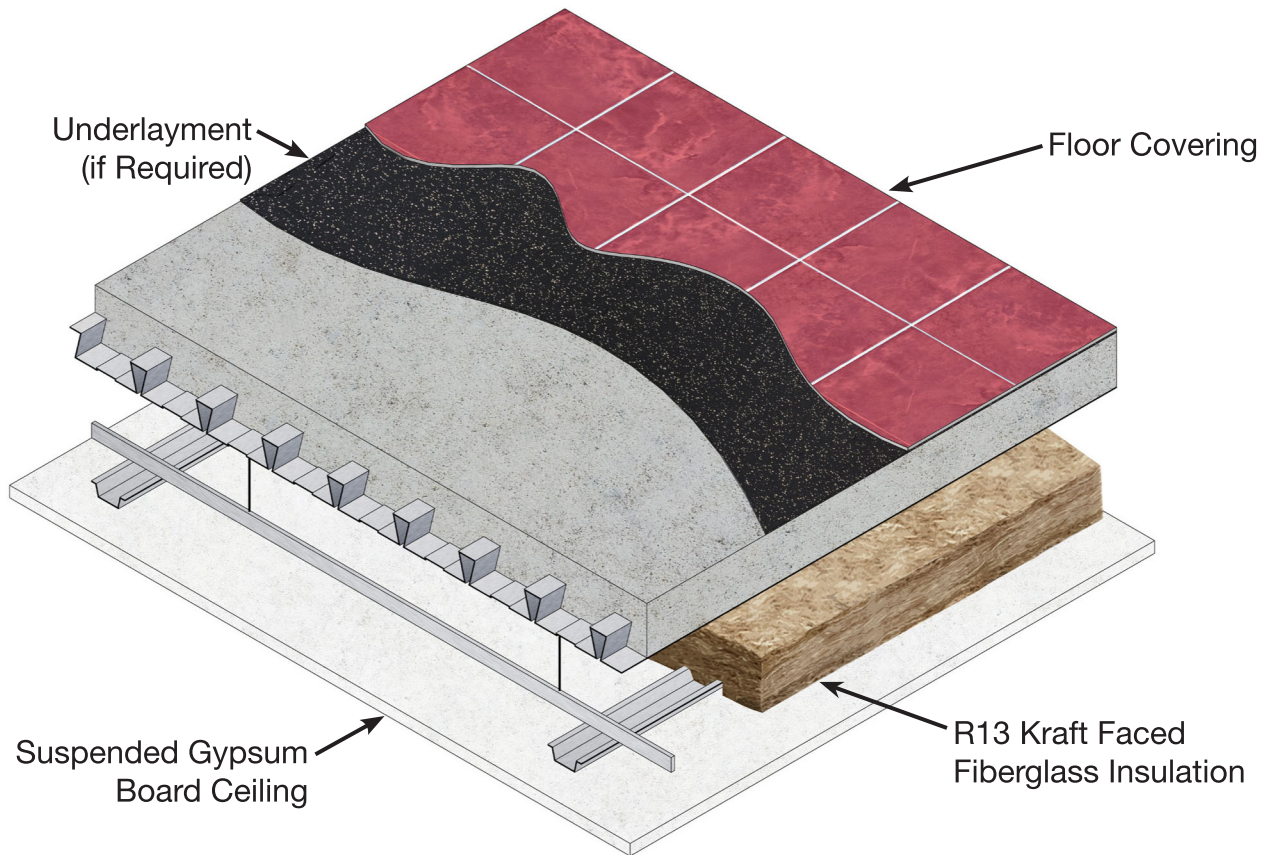
Note:

1. Values shown are for gypsum board on furring channels directly connected to the underside of the slab. Gypsum board ceilings attached to the deck by methods providing acoustical separation will provide improved STC and IIC values.

2.0D DOVETAIL FORMLOK® DECK-SLAB ACOUSTICAL SOLUTIONS

2.0D FORMLOK DECK-SLAB

- 2" (51 mm) Deep Composite Deck
- 5½" (140 mm) Total Slab Depth
- Normal Weight Concrete (145 pcf / 2325 kg/m³)
- Suspended Gypsum Board Ceiling



Suspended Gypsum Board Ceiling

Floor Covering	Underlayment	STC	IIC	Intertek Test No.
Ceramic Tile	5 mm ECOsilence	62	60	I5133.01

Note:

1. Laboratory tests determining STC and IIC for Dovetail FormLok deck with a suspended ceiling were conducted with ceramic tile and underlayment. Adding a suspended ceiling to the ceramic tile assembly improved the STC rating by 11 and the IIC rating by 19 compared to an assembly with no ceiling. Other flooring types can expect similar improvement in performance.

2.0D DOVETAIL FORMLOK® DECK-SLAB

Notes:

1. The acoustical test reports with complete assembly details are available from www.dovetaildeck.com.
2. The testing was performed in accordance with the following standards:
 - **ASTM E90-09 (2016)**, *Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions*
 - **ASTM E492-09(2016)e1**, *Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine*

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