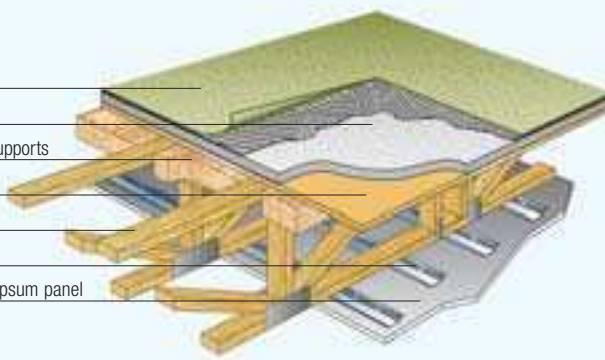
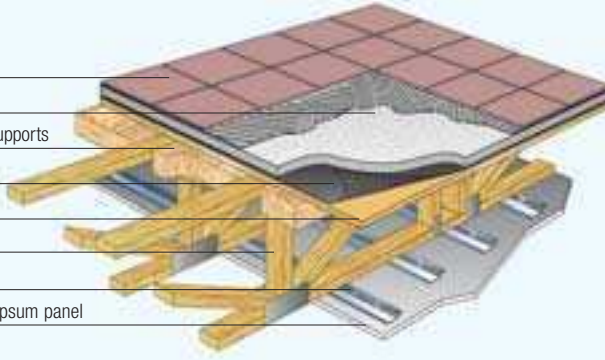
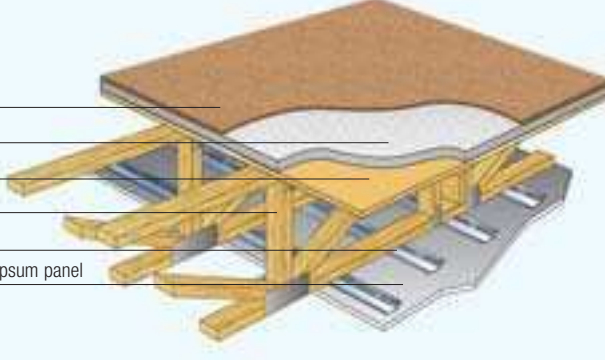


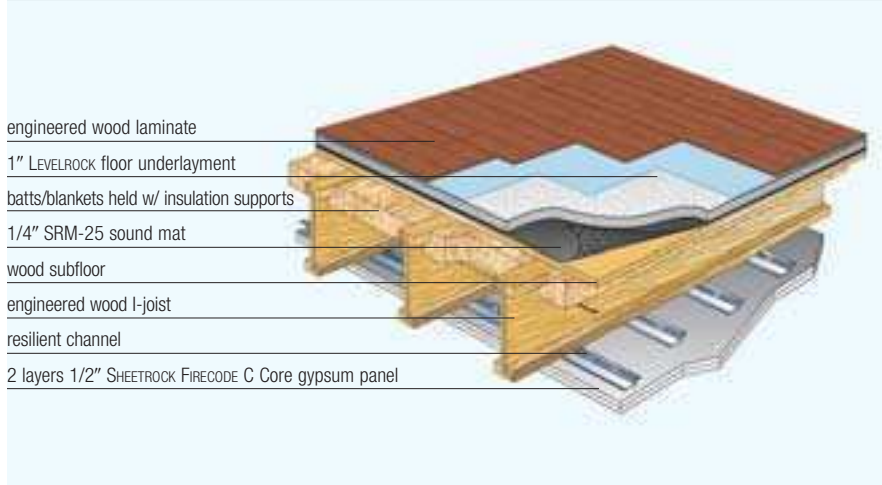
Design Details

Sound Control Systems

Open Web Wood Truss	Floor Covering	STC	IIC
Sound System 1 (no sound mat) – UL Des L521			
 <p>sheet vinyl</p> <p>3/4" LEVELROCK floor underlayment</p> <p>batts/blankets held w/ insulation supports</p> <p>wood subfloor</p> <p>open web wood truss</p> <p>resilient channel</p> <p>5/8" SHEETROCK FIRECODE C Core gypsum panel</p>	None	55	
	Sheet vinyl	58	48
	Carpet and pad		76
	Note Refer to UL Directory for proper RC-1 spacing based on placement of insulation. Sound test evaluated with 18" truss spaced 24" o.c.		
Sound System 2 (SRM-25 sound mat) – UL Des L521			
 <p>ceramic tile</p> <p>1" LEVELROCK floor underlayment</p> <p>batts/blankets held w/ insulation supports</p> <p>1/4" SRM-25 sound mat</p> <p>wood subfloor</p> <p>open web wood truss</p> <p>resilient channel</p> <p>5/8" SHEETROCK FIRECODE C Core gypsum panel</p>	Sheet vinyl	62	53
	Cushioned vinyl	62	55
	Carpet and pad	62	81
	Ceramic tile	62	54
	Engineered wood laminate	61	55
	Note Refer to UL Directory for proper RC-1 spacing based on placement of insulation. Sound test evaluated with 12" truss spaced 24" o.c. Tile requires the use of crack isolation membrane.		
Sound System 3 (no sound mat) – UL Des L528			
 <p>carpet and pad</p> <p>3/4" LEVELROCK floor underlayment</p> <p>wood subfloor</p> <p>open web wood truss</p> <p>resilient channel</p> <p>5/8" SHEETROCK FIRECODE C Core gypsum panel</p>	24 oz. carpet and pad	53	60
	Note Sound test evaluated with 12" truss spaced 24" o.c.		

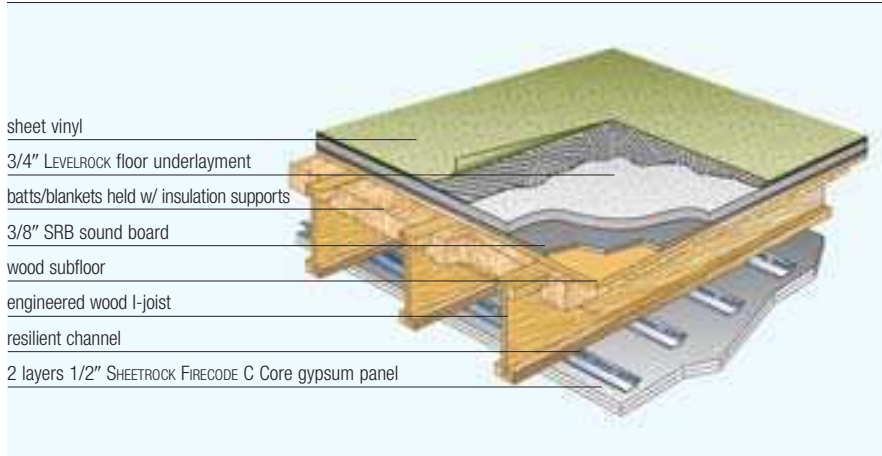
Engineered Wood I-Joist	Floor Covering	STC	IIC
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Sound System 4 (SRM-25 sound mat) – UL Des L570



Sheet vinyl	64	58
Ceramic tile	66	54
Engineered wood laminate	64	62
Note Refer to UL Directory for proper RC-1 spacing based on placement of insulation. Sound test evaluated with 9-1/2" engineered wood i-joist spaced 24" o.c.		

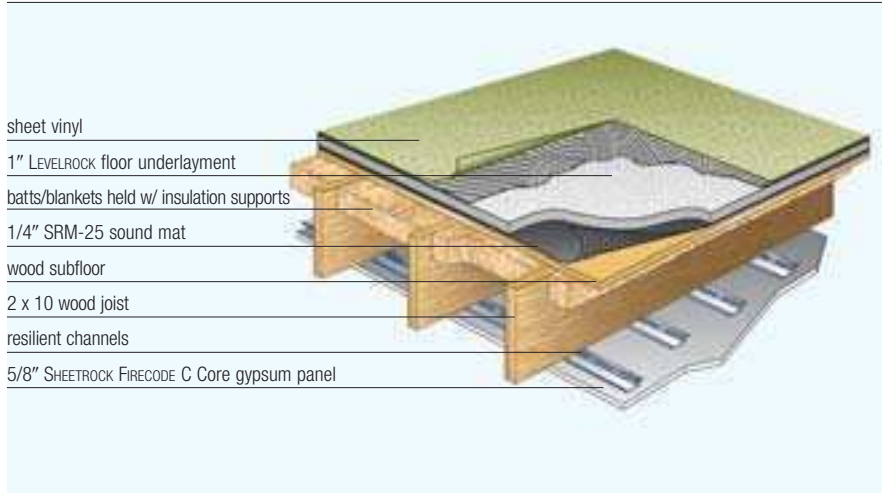
Sound System 5 (SRB sound board) – UL Des L570



None	65	
Sheet vinyl	65	54
Ceramic tile	66	51
Engineered wood laminate	65	61
Note Refer to UL Directory for proper RC-1 spacing based on placement of insulation. Sound test evaluated with 9-1/2" engineered wood i-joist spaced 24" o.c.		

2 x 10 Wood Joist	Floor Covering	STC	IIC
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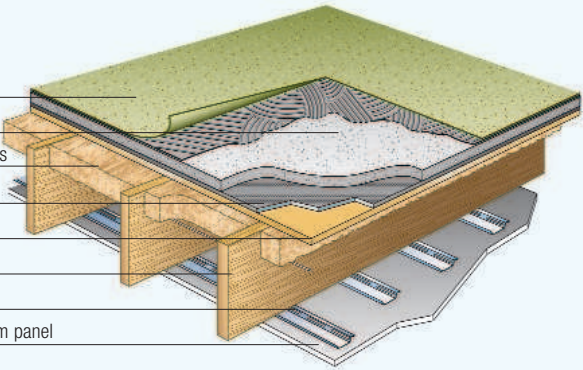
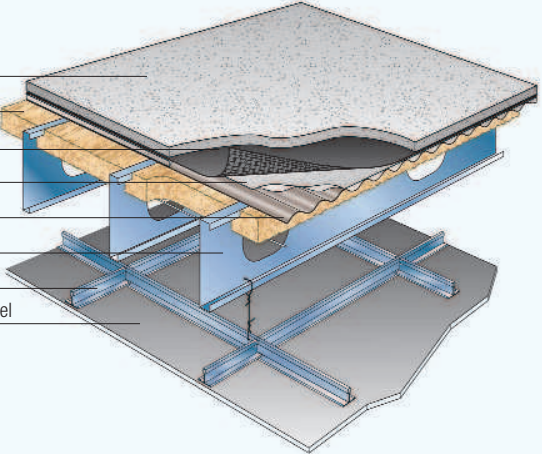
Sound System 6 (SRM-25 sound mat) – UL Des L569




Sheet vinyl	58	51
Cushioned vinyl	59	54
Carpet and pad	59	77
Ceramic tile	59	52
Engineered wood laminate	58	55
Note Refer to UL Directory for proper RC-1 spacing based on placement of insulation. Sound test evaluated with 2x10 wood joist spaced 16" o.c.		

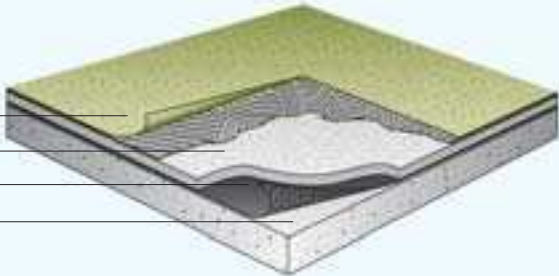
Design Details

Sound Control Systems

2 x 10 Wood Joist	Floor Covering	STC	IIC												
Sound System 7 (SRB sound board) – UL Des L569															
 <p>cushioned vinyl</p> <p>3/4" LEVELROCK floor underlayment</p> <p>batts/blankets held w/ insulation supports</p> <p>3/8" SRB sound board</p> <p>wood subfloor</p> <p>2 x 10 wood joist</p> <p>resilient channels</p> <p>5/8" SHEETROCK FIRECODE C Core gypsum panel</p>	<table border="1"> <tr> <td>Cushioned vinyl</td> <td>58</td> <td>50</td> </tr> <tr> <td>Carpet and pad</td> <td>59</td> <td>73</td> </tr> <tr> <td>Engineered wood laminate</td> <td>58</td> <td>51</td> </tr> </table> <p>Note Refer to UL Directory for proper RC-1 spacing based on placement of insulation. Sound test evaluated with 2x10 wood joist spaced 16" o.c.</p>	Cushioned vinyl	58	50	Carpet and pad	59	73	Engineered wood laminate	58	51					
Cushioned vinyl	58	50													
Carpet and pad	59	73													
Engineered wood laminate	58	51													
Steel Joist															
Sound System 8 (SRM-25 sound mat) – UL Des G551															
 <p>1" LEVELROCK floor underlayment</p> <p>batts/blankets held w/ insulation supports</p> <p>1/4" SRM-25 sound mat</p> <p>LEVELROCK floor underlayment</p> <p>corrugated steel deck minimum 22 gauge</p> <p>14" 14 gauge TRADEREADY steel joist</p> <p>USG drywall suspension system</p> <p>5/8" SHEETROCK FIRECODE C Core gypsum panel</p>	<table border="1"> <tr> <td>Sheet vinyl</td> <td>64</td> <td>55</td> </tr> <tr> <td>Carpet and pad</td> <td>63</td> <td>81</td> </tr> <tr> <td>Ceramic tile</td> <td>65</td> <td>51</td> </tr> <tr> <td>Engineered wood laminate</td> <td>63</td> <td>58</td> </tr> </table>	Sheet vinyl	64	55	Carpet and pad	63	81	Ceramic tile	65	51	Engineered wood laminate	63	58		
Sheet vinyl	64	55													
Carpet and pad	63	81													
Ceramic tile	65	51													
Engineered wood laminate	63	58													

Concrete Slab	Floor Covering	STC	IIC
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Sound System 9 (no sound mat) – Concrete slab			
 <p>6" concrete slab</p>	None		26

Sound System 10 (SRM-25 sound mat) – Concrete slab and LEVELROCK Floor Underlayment			
 <p>sheet vinyl</p> <p>1" LEVELROCK floor underlayment</p> <p>1/4" SRM-25 sound mat</p> <p>6" concrete slab</p>	Sheet vinyl	56	49
	Carpet and pad		77
	Ceramic tile	56	51
	Engineered wood laminate	54	50
	1" LEVELROCK bare floor		50