

# SoundBuffer Sound Rating

## SOUND PROPERTIES

Impact Sound Transmission. The method is designed to measure the impact sound transmission performance of a floor-ceiling assembly in a controlled laboratory environment.

| IIC | FLOORING            | REPORT #                           | SUB-FLOOR   |
|-----|---------------------|------------------------------------|---|
| 68  | Luxury Vinyl Planks | <a href="#">e9396.04-113-11-r0</a> | over a 6" concrete subfloor with a suspended ceiling assembly           |
| 52  | Luxury Vinyl Planks | <a href="#">e8378.02-113-11-r0</a> | over a 6" concrete subfloor with no ceiling assembly                    |
| 66  | Laminate & Wood     | <a href="#">e9396.05-113-11-r0</a> | over a 6" concrete subfloor with a suspended ceiling assembly           |
| 59  | Luxury Vinyl Tile   | -                                  | Fire Rated System Design - UL L521 Wood frame with 3/4" gypsum concrete |
| 58  | Luxury Vinyl Tile   | -                                  | 10" hollow core slab with 3/4" gypsum concrete                          |

Sound Transmission Loss. The sound-insulating property of a partition element is expressed in terms of the sound transmission loss

| STC | FLOORING            | REPORT #                           | SUB-FLOOR   |
|-----|---------------------|------------------------------------|---|
| 64  | Luxury Vinyl Planks | <a href="#">e9396.05-113-11-r0</a> | over a 6" concrete subfloor with a suspended ceiling                    |
| 52  | Luxury Vinyl Planks | <a href="#">e8378.02-113-11-r0</a> | over a 6" concrete subfloor with no ceiling assembly                    |
| 64  | Laminate & Wood     | <a href="#">e9396.05-113-11-r0</a> | over a 6" concrete subfloor with no ceiling assembly                    |
| 59  | Luxury Vinyl Tile   | -                                  | Fire Rated System Design - UL L521 Wood frame with 3/4" gypsum concrete |
| 61  | Luxury Vinyl Tile   | -                                  | 10" hollow core slab with 3/4" gypsum concrete                          |