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Surfacing Solution

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Acoustic Site Dosimetry, Analysis

OSHA, FDA & ADA Compliance

Testing

**CLD (CONSTRAINED LAYER DAMPING) FLOOR INSTALLATION UTILIZING 9/64" ACOUSTIC DECOUPLER FROM SURFACING SOLUTION.**

1. PLACE THE BASE LAYER OF PLYWOOD ON TOP OF THE TRUSSES.

**2. PLACE 3&1/2" WIDTH STRIPS OF 9/64" ACOUSTIC DECOUPLER BENEATH THE WALL PLATES,** TO ISOLATE THE FLOOR FRAMING FROM THE WALLS.

**3. UNROLL 9/64" DECOUPLER AND APPLY FROM WALL PLATE TO WALL PLATE** TO FULLY DECOUPLE IMPACT & VIBRATION FROM THE FLOOR SURFACE(S).

**4. ALLOW THE 9/64" DECOUPLER TO EXTEND UP THE SIDE OF THE WALL PLATE 2"** TO FULLY DECOUPLE THE SHEETROCKED WALL FROM THE BASE PLATE.

5. INSTALL CONSTRAINING LAYER OF 7/16" OSB ON TOP OF DECOUPLER, LEAVING SUFFICIENT CLEARANCE FOR THE SHEETROCK TO BE ADDED.

6. CONSTRAINING LAYER MAY BE NAILED OR SCREWED DOWN AT THIS POINT. TAKE CARE TO USE SCREWS OF NAILS THAT DO NOT PENETRATE ALL THE WAY THROUGH THE FIRST LAYER OF DECKING & INTO THE TRUSSES. THESE SCREWS OR NAILS ONLY NEED TO PENETRATE INTO THE FIRST (BASE) LAYER OF DECKING. GOING FURTHER WILL FACILITATE CONNECTIONS TO THE TRUSSES THAT YOU **DON'T WANT! 1" SCREWS SHOULD BE SUFFICIENT FOR THIS, TO MINIMIZE SUCH 'CONNECTIONS'.**

7. APPLY ADDITIONAL TOPSIDE TF DECOUPLER & OTHER SURFACING AS SPECIFIED. (SEE ADDITIONAL DOCUMENTS ON DECOUPLER & DECOUPLER TF INSTALLATION.)