FLOOR / CEILING ASSEMBLY CROSS SECTION Showing a breakdown of materials/components Needed to achieve an OVERALL AllC rating of 57

MEMBER RESPONSIBLITY FINISH FLOOR NEW: To be valid, manufactures IIC ratings must only be tested with type of Floor / Ceiling assembly shown here OR meet a Delta Δ IIC rating of at least 2 MEMBER RESPONSIBLITY SUBFLOOR / UNDERLAYMENT NEW must meet a Delta AIIC of 20 or higher 2" - 2 1/2" Light weight concrete **EXISTING** FLOOR / 15# felt or 2 mil visqueen **CEILING** ASSEMBLY -1/2" layer of plywood Typical; **ASSUMED** AllC rating 2 x 10 Floor Joists at 12" or 16" on of 35-40; if center necessary, verification Insulation by field test required. FINISHED CEILING: 1/2" - 7/8" drywall / plaster

Summary Example:

1. MEMBER RESPONSIBILITY: **Finish Flooring** – **new component**Depending on verification of existing floor / ceiling
assembly, all new flooring will be required to meet
a minimum IIC rating - **by itself** - or delta ΔIIC rating of:

at least 2

2. MEMBER RESPONSIBILITY **Subfloor underlayment** – **new component**

All subfloor underlayments are required to meet a minimum delta Δ IIC rating of:

20

3. EXISTING: Floor / Ceiling Assembly

AllC rating is assumed but unverified.
This standard is based on these existing components having an AllC rating range of:

35-40

AIIC Totals 57 min.

Note: Members may wish to verify existing conditions by testing prior to installation of new flooring. If when tested, the floor / ceiling assembly is less than assumed above, the difference will need to be made up with underlayments and or finish flooring products.