

Architectural Guidelines

APPROVED

UNDERLAYMENTS

Hard Tile Floor Finish

Luxury Vinyl Tile (LVT) Floor Finish

Wood Floor Finish

IIC DESIGN CRITERIA - 54 or greater



allure

APPROVED UNDERLAYMENTS

HARD TILE FLOOR FINISH OPTIONS:

Please note that ALL items listed in the recommended options are necessary to achieve the IIC 54 rating, including the cement board (where recommended).

OPTION 1 (Ecore QTscu 4012)

- Minimum 5/16" thick Hard floor tile (i.e., stone, ceramic, porcelain, etc.)
- **5mm thick Ecore QTscu 4012 resilient underlayment**
 - <https://www.qtsoundcontrol.com/qtscu>
- 7" concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment.

OPTION 2 (Pliteq GenieMat RST-12):

- Minimum 5/16" thick Hard floor tile (i.e., stone, ceramic, porcelain, etc.)
- **12mm thick Pliteq GenieMat RST-12 resilient underlayment**
 - <https://www.geniematsrst.pliteq.com/>
- 7" concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment.

OPTION 3 (Regupol Sonus Plus, 1/2"):

- Minimum 1/4" thick Hard floor tile (i.e., stone, ceramic, porcelain, etc.)
- **12mm thick Regupol Sonus Plus, 1/2"**
 - <https://www.regupol.us/acoustics/products/regupol-sonus/>
- 7" concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment or between the underlayment and the wood floor because the adhesive can lower the sound rating of the assembly.

LUXURY VINYL TILE (LVT) FLOOR FINISH OPTIONS:

OPTION 1 (Ecore QTscu 4005)

- Minimum 1/8" thick LVT
- **5mm thick Ecore QTscu 4005 resilient underlayment**
 - <https://www.qtsoundcontrol.com/qtscu>
- 7' concrete subfloor
- Do not use adhesive between concrete and subfloor and resilient underlayment or between the underlayment and the wood floor because the adhesive can lower the sound rating of the assembly.

OPTION 2 (Pliteq GenieMat RST-05):

- Minimum 1/8" thick LVT
- **5mm thick Pliteq GenieMat RST-05 resilient underlayment**
 - <http://www.geniematrst.pliteq.com/>
- 7" concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment or between the underlayment and the wood floor because the adhesive can lower the sound rating of the assembly.

OPTION 3 (Regupol Sonus LV270):

- Minimum 1/8" thick LVT
- **3mm thick Regupol Sonus LV270 resilient underlayment**
 - <http://www.regupol.us/acoustics/products/regupol-sonus-lv/>
- 7" concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment or between the underlayment and the wood floor because the adhesive can lower the sound rating of the assembly.

WOOD FLOOR FINISH OPTIONS:

IMPORTANT: Laminate flooring is NOT equivalent to engineered wood flooring.

OPTION 1 (Ecore QTscu 4005)

- Minimum 1/2" thick engineered wood flooring
- **5mm thick Ecore QTscu 4005 resilient underlayment**
 - <https://www.qtsoundcontrol.com/qtscu>
- Concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment or between the underlayment and the wood floor because the adhesive can lower the sound rating of the assembly.

OPTION 2 (Pliteq GenieMat RST-05)

- Minimum 1/2" thick engineered wood flooring
- **5mm (minimum) thick Pliteq GenieMat RST-5 resilient underlayment**
 - <https://www.geniematrst.pliteq.com/>
- Concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment or between the underlayment and the wood floor because the adhesive can lower the sound rating of the assembly.

OPTION 3 (Regupol Sonus):

- Minimum 1/2" thick engineered wood flooring
- **3mm thick Regupol Sonus**
 - <https://www.regupol.us/acoustics/products/regupol-sonus/>
- Concrete subfloor
- Do not use adhesive between concrete subfloor and resilient underlayment or between the underlayment and the wood floor because the adhesive can lower the sound rating of the assembly.