

AcoustiTECH Dry-Systems

for Mass Timber

- Reduce the possibility of acoustic complaints or lawsuits
- Increase customers positive perception of mass timber buildings
- Environmentally friendly / Sustainable solutions (example: low embodied carbon emissions)
- Drastically reduce weight (cost savings, seismic)
- Meets Canadian Encapsulation requirements (fire)
- Remove moisture in the building
- Better on-site sequencing (save time)
- Limit use of a self-leveler
- Smooth supply process

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AcoustiTECH Systems

Option #1

- Floor covering
- Acoustic membrane (optional)
- Plywood/OSB
- PAC-IFB
- Fibreglass insulation
- Mass timber

- Acoustic membrane + Plywood/OSB + PAC-IFB + Fibreglass insulation :
 - 104.5mm
 - 7.7 lbs/sq.ft



IIC : 64 | STC : 60

Option #2

- Floor covering
- Plywood/OSB/2E22 (fire)
- AcoustiTECH SOFIX
- AcoustiTECH Lead 6
- Mass timber

- Plywood/OSB + SOFIX + Lead 6:
 - 75mm
 - 5.65 lbs/sq.ft

- 2E22 + SOFIX + Lead 6:
 - 69mm
 - 6.55 lbs/sq.ft
 - Meets Encapsulation requirements (Canada)



IIC : 58 | STC : 61

AcoustiTECH Dry-Systems for Mass Timber

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Option #3

- Floor covering
- Acoustic membrane (optional)
- Fermacell 2E35
- Mass timber

- Fermacell 2E35
 - 45mm
 - 7 lbs/sq.ft
 - Meets Encapsulation requirements (Canada)



IIC : 50+ | STC : 50+

Option #4

- Floor covering
- Acoustic membrane (optional)
- Fermacell 2E32
- Mass timber

- Fermacell 2E32
 - 30mm
 - 5.3 lbs/sq.ft



AIIC : 43 | ASTC : 48