





























































<section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><table-container>

Tools of the Trade for Building Diagnostics

© buildingscience.com

























































Wood Moisture Contents

- Below 20% MC=safe
- 25-30% MC mold rangeBut seasonally survivable!
- 28%+ MC decay fungi
- Really wet wood is obvious (feels wet)
- Don't forget about temperature when wet (mold doesn't grow in the freezer)



Tools of the Trade for Building Diagnostics

© buildingscience.com





Case Study: Multi-Use Building RI

- Damage pattern matches seams of carpet tile
- High wood MCs: 18-25% typical





Case Study: Cupping Floor Maine

- Modified ASTM F2170 test (slab RH in drilled hole)
- Lower parts of slab 95%+ RH
- 4 months + of drying



























Boring Part of the Presentation

- Photographs/ photodocumentation
- Disassembly & Other Tools
- My use case: flying to sites
- Heavy equipment (blower doors) FedEx Ground to site



Tools of the Trade for Building Diagnostics

78 © buildingscience.com























