Bessemeter

WOOD CONSTRUCTION MOISTURE CONTROL CHECKLIST

This checklist is simply a starting point. You may need to add, subtract, or adjust based on the specific project and the building materials involved.

BEFORE DELIVERY

- [ ] Know project/material moisture requirements
- [ ] Establish inspection and moisture-testing procedures
- [ ] Identify potential moisture sources and vulnerable materials
- [ ] Determine where/how wood-based materials will be protected after delivery
- [ ] Establish who will be responsible for moisture inspections, testing, documentation, and corrective actions

AT DELIVERY

- [ ] Inspect wood for visible wetting and damage
- [ ] Check moisture content where appropriate
- [ ] Compare MC with applicable requirements and expected EMC/acclimation conditions
- [ ] Record readings and observations
- [ ] Separate materials that don't meet project requirements and address as appropriate

DURING STORAGE & ACCLIMATION

- [ ] Keep wood elevated off the ground/away from moisture
- [ ] Protect materials from wind-driven rain and snow
- [ ] Make sure coverings don't trap moisture underneath
- [ ] Maintain appropriate temperature and relative humidity (RH) conditions
- [ ] Monitor HVAC/ambient conditions as appropriate
- [ ] Recheck MC during acclimation to verify materials are on track
- [ ] Recheck materials after significant moisture exposure

DURING INSTALLATION

- [ ] Confirm applicable moisture-sensitive materials are ready for installation
- [ ] Monitor exposed wood and other moisture-sensitive materials
- [ ] Check areas affected by rain, leaks, or other water intrusion
- [ ] Verify building/enclosure is protected before installing moisture-sensitive materials
- [ ] Verify moisture conditions before key installation steps (as needed/required)
- [ ] Document unusual readings, potential moisture hotspots, or moisture events

IF WOOD GETS WET

- [ ] Identify and stop the source of moisture
- [ ] Notify the appropriate parties and document the moisture event
- [ ] Protect surrounding materials
- [ ] Allow/assist appropriate drying and ventilation
- [ ] Use airflow, HVAC, fans, or dehumidification as appropriate
- [ ] Retest affected wood/materials
- [ ] Document readings
- [ ] Document the necessary corrective action
  - [ ] Are the materials able to be dried and reused?
  - [ ] Or do they require removal, replacement, or further evaluation?
- [ ] Confirm that conditions meet applicable project/material requirements before proceeding

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