


INTERNATIONAL CFI
CERTIFIED FLOORING INSTALLERS

Hard Surface Assessment

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 Carpet MASTER II / Hardwood I-II / Laminate I-II / Resilient I-II / Carpet Installation Inspector
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 Carpet MASTER II / Laminate I-II / Hardwood I-II / Resilient Residential I / Ceramic I / Carpet Installation Inspector




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Overview

- Job-site Assessment for Successful Installation
- Resilient Floor Failures and Causes
- Wood Floor Failures and Causes
- Ceramic Floor Failures and Causes
- How to Prevent Floor Failures



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Resilient Floors

Job-site Examination

- Floor Flatness
 - 3/16" in 10 ft
- Expansion
 - Perimeter
- Environmental Conditions
 - Operating Temperature
 - Relative Humidity
- Transition Placement

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Wood Floors



Potential causes for a wood floor to buckle.

- Improper Expansion
- Moisture
 - Was moisture check for before the install?
 - Has there been a change in the environment?
- Improper Installation
 - Was the floor installed per manufacturer specifications?

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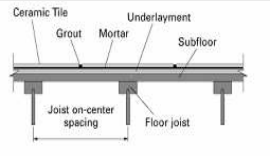
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Ceramic Floors

Important Items

- Thin-set goes underneath the backerboard and on top of the backerboard.
- Thin-set is not a leveling system.
- All board seams must be taped.
- The joist system is critical to the installation.
- Follow the manufacturer's mixing instructions!
- There is an ASTM standard for everything!



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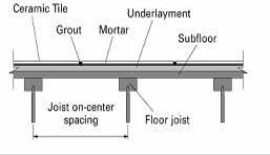
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Ceramic Products

LONG TERM ISSUES

- Cracked Grout
- Cracked Tile
- Loose Tile



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