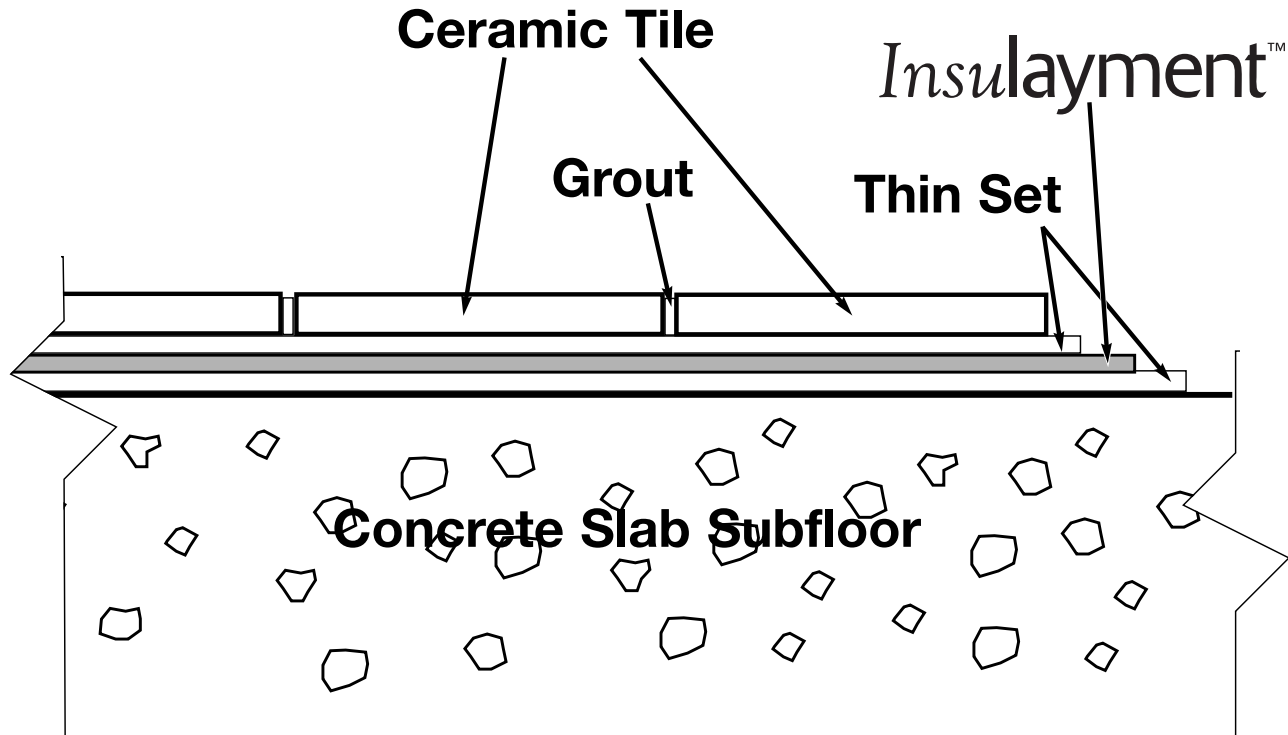


Insulayment™

Acoustical, Crack Suppressant and Insulating
Underlayment for Ceramic Tile and
Engineered Wood Floors

INSTALLATION INSTRUCTIONS for Ceramic Tile with Insulayment Over a Concrete Subfloor



Installation Method #1: Ceramic tile (8" square or larger) on concrete sub-floor

Setting Materials: Dry-set or latex-Portland Cement Mortar Bond Coat (Thin set mortar)

Trowel Size: Pad to sub-floor: 1/4" x 1/4" Square-notch. Tile to Pad: For tiles up to 12" x 12", use 1/4" x 1/4" Square-notch for flat back ceramic, quarry and vitreous; 1/4" x 3/8" Square-notch for ceramic, vitreous and natural stone tile including monocottera, ribbed, pavers and porcelain. For tile sizes above 12" x 12", follow bond coat manufacturer's instructions.

Concrete Requirements: Maximum variation of 1/4" in 10'. Deflection is not to exceed 1/360 of span. All cracks in excess of 1/16" must be filled as per TCA recommendations. Surface must be clean, dry and free of contaminants and sealers.

Steps:

1. Roll out Insulayment and trim to fit the floor using a sharp utility knife and a straight edge. Be sure to run the Insulayment to the edges of the perimeter leaving no gaps.
2. Pull back pre-cut sections and use recommended trowel to spread setting materials in 4 to 6 foot sections. Roll the Insulayment into the setting material.
3. After the entire surface is applied, roll the surface with a 35lb roller to establish good adhesion, making sure no ridges remain in the adhesive. If a roller is not available, apply appropriate downward pressure using a grout float.
4. Allow 24 hours drying time for Dry-Set Mortar and 3 to 4 hours for Latex-Portland Mortar.
5. Set and grout tile as per tile manufacturer and TCA recommendations.

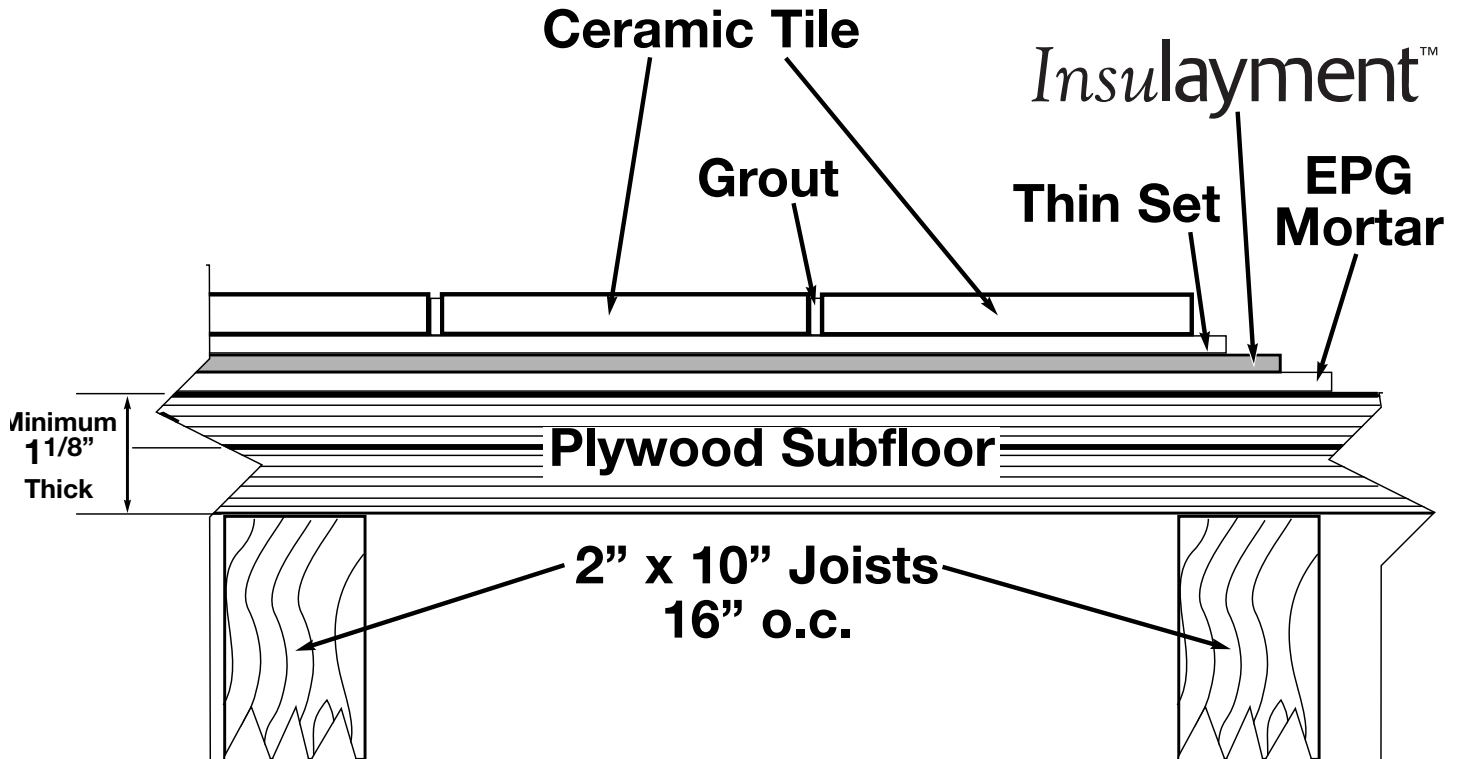


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INSTALLATION INSTRUCTIONS for Ceramic Tile with Insulayment Over a Wood Subfloor



Installation Method #2: Ceramic tile (8" square or larger) on plywood sub-floor

Setting Materials: EGP Latex Portland Cement Mortar (Insulayment to floor). Dry set or Latex Portland Cement Mortar Bond Coat (Thin set mortar – tile to Insulayment).

Trowel Size: Pad to sub-floor: 1/4" x 1/4" Square-notch. Tile to Pad: For tiles up to 12" x 12", use 1/4" x 1/4" Square-notch for flat back ceramic, quarry and vitreous; 1/4" x 3/8" Square-notch for ceramic, vitreous and natural stone tile including monocottera, ribbed, pavers and porcelain. For tile sizes above 12" x 12", follow bond coat manufacturer's instructions.

Sub-Floor Requirements: Sub-floor assembly must be a minimum of 1 1/8" in total thickness, with clean structurally sound plywood as the top surface. It must be free of all sealers and contaminants. Maximum variation of 1/8" in 10" with a 16" on center joist system. Deflection is not to exceed 1/360 of span.

Steps:

1. Roll out Insulayment and trim to fit the floor using a sharp utility knife and a straight edge. Be sure to run the Insulayment to the edges of the perimeter leaving no gaps.
2. Pull back pre-cut sections and use recommended trowel to spread setting materials in 4 to 6 foot sections. Roll the Insulayment into the setting material.
3. After the entire surface is applied, roll the surface with a 35lb roller to establish good adhesion, making sure no ridges remain in the adhesive. If a roller is not available, apply appropriate downward pressure using a grout float.
4. Allow 24 hours drying time for Dry-Set Mortar and 3 to 4 hours for Latex-Portland Mortar.
5. Set and grout tile as per tile manufacturer and TCA recommendations

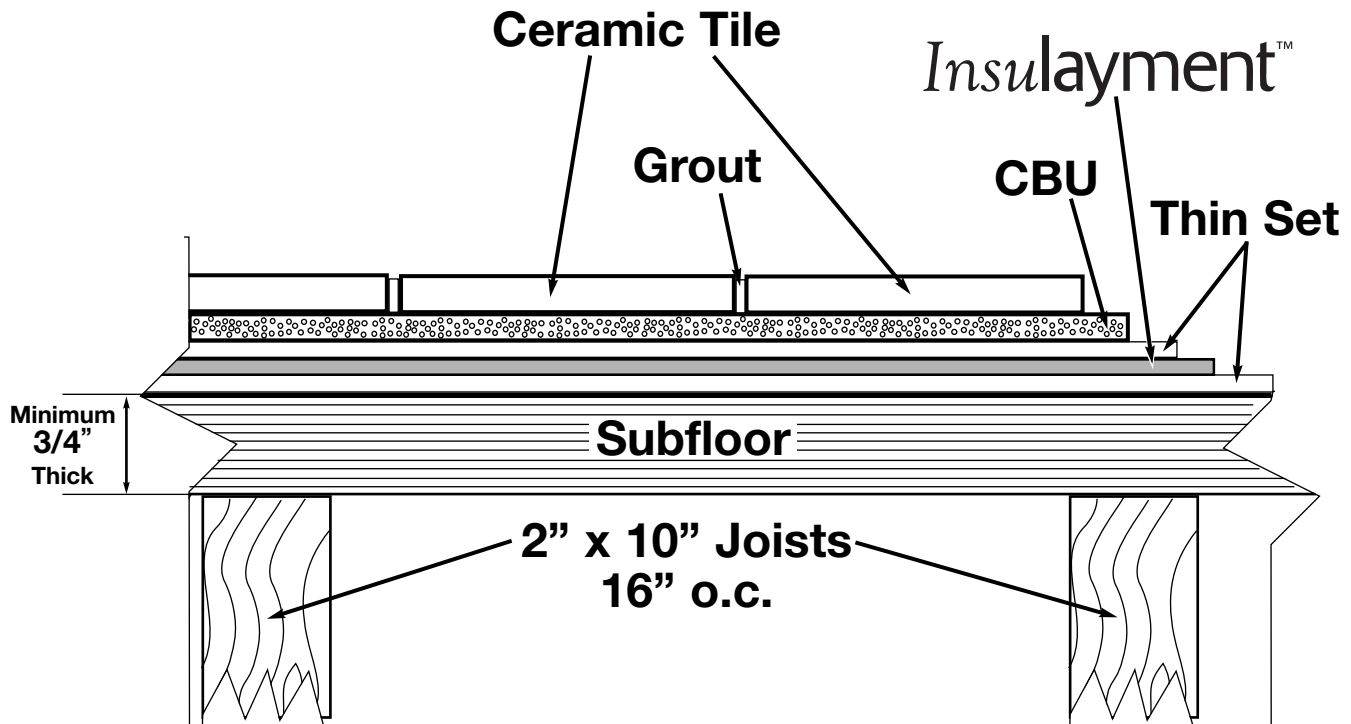


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INSTALLATION INSTRUCTIONS for Ceramic Tile with a Cementitious Backer Unit and Insulayment Over a Wood Subfloor



Installation Method #3: Ceramic tile (8" square or larger) with Cementitious Backer Unit (CBU)

Setting Materials: EGP Latex Portland Cement Mortar (Insulayment to floor) Dry set or Latex Portland Cement Mortar Bond Coat (Thin set mortar – CBU to Insulayment and tile to CBU)

Trowel Sizes: Pad to sub-floor: 1/4" x 1/4" Square-notch. Tile to Pad: For tiles up to 12" x 12", use 1/4" x 1/4" Square-notch for flat back ceramic, quarry and vitreous; 1/4" x 3/8" Square-notch for ceramic, vitreous and natural stone tile including monocottera, ribbed, pavers and porcelain. For tile sizes above 12" x 12", follow bond coat manufacturer's instructions.

Sub-Floor Requirements: Minimum 3/4" tongue and groove plywood, clean and structurally sound. Must be free of sealers and contaminants. Maximum variation of 1/4" in 10', with a 16 on center joist system.

Steps:

1. Roll out Insulayment and trim to fit the floor using a sharp utility knife and a straight edge. Be sure to run the Insulayment to the edges of the perimeter leaving no gaps.
2. Pull back pre-cut sections and use recommended trowel to spread setting materials in 4 to 6 foot sections. Roll the Insulayment into the setting material.
3. After the entire surface is applied, roll the surface with a 35lb roller to establish good adhesion, making sure no ridges remain in the adhesive. If a roller is not available, apply appropriate downward pressure using a grout float.
4. Allow 24 hours drying time for Dry-Set Mortar and 3 to 4 hours for Latex-Portland Mortar.
5. Apply Dry-Set or Latex Portland Cement Mortar to the top of the Insulayment no larger than a single sheet of backer board.
6. Apply backer board to mortar bed and secure with galvanized screws through the full assembly to the joist system.
7. Set and grout tile as per tile manufacturer and TCA recommendations.



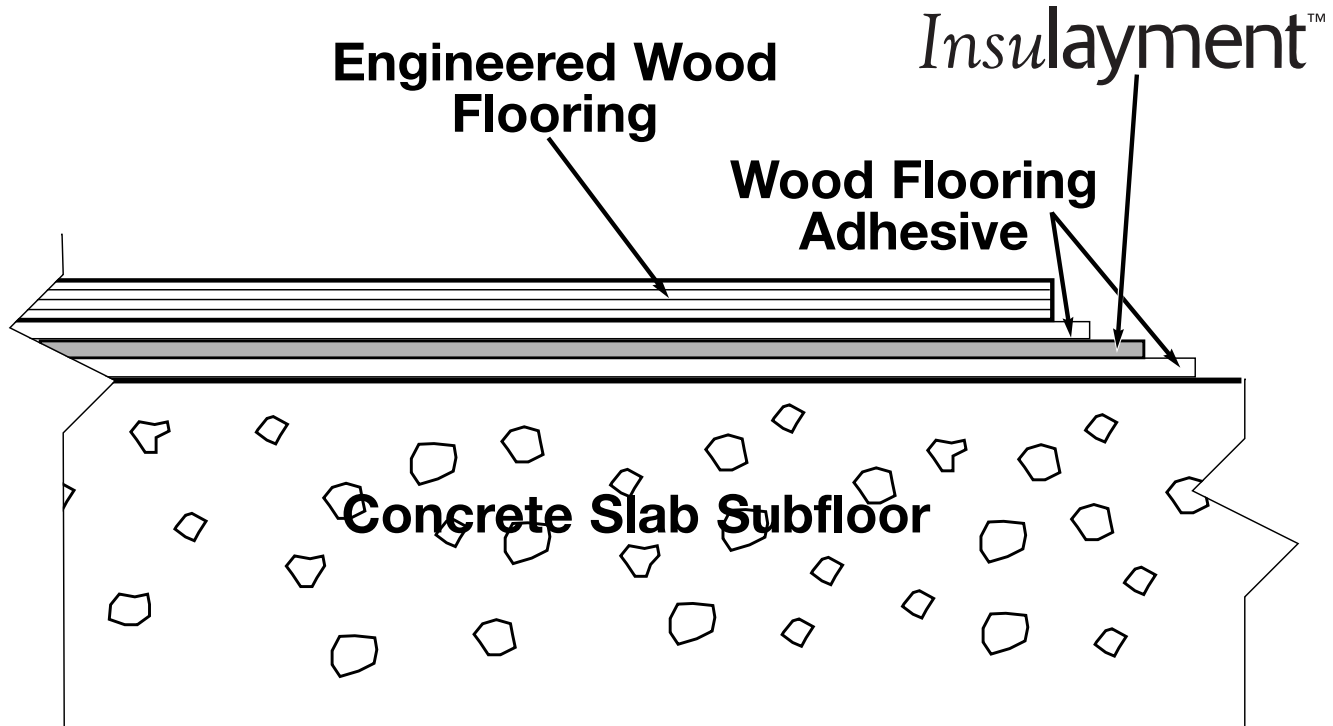
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Acoustical, Crack Suppressant and Insulating Underlayment for Ceramic Tile and Engineered Wood Floors

INSTALLATION INSTRUCTIONS for Engineered Wood Flooring with Insulayment Over Concrete Subfloor



Installation Method #4: Engineered wood on concrete sub-floor

Setting Material: Latex Base or Urethane Wood flooring Adhesive

Trowel Size: 3/16" x 3/16" Square-notch or U-notch

Sub-floor Requirements: Maximum of 1/4" variance in 10', must be properly prepared per NWFA specifications. All cracks in excess of 1/16" must be filled. Surface must be clean, dry and free of contaminants and sealers.

Steps:

1. Roll out Insulayment and trim to fit the floor using a sharp utility knife and a straight edge. Be sure to run the Insulayment to the edges of the perimeter leaving no gaps.
2. Pull back pre-cut sections and use recommended trowel to spread setting materials in 4 to 6 foot sections. Roll the Insulayment into the setting material.
3. After the entire surface is applied, roll the surface with a 35lb roller to establish good adhesion, making sure no ridges remain in the adhesive. If a roller is not available, apply appropriate downward pressure using a grout float.
4. Allow 2 hours drying time, or until the Insulayment is bounded tightly to the floor.
5. Apply wood flooring as per flooring manufacturer and the NWFA recommendations.

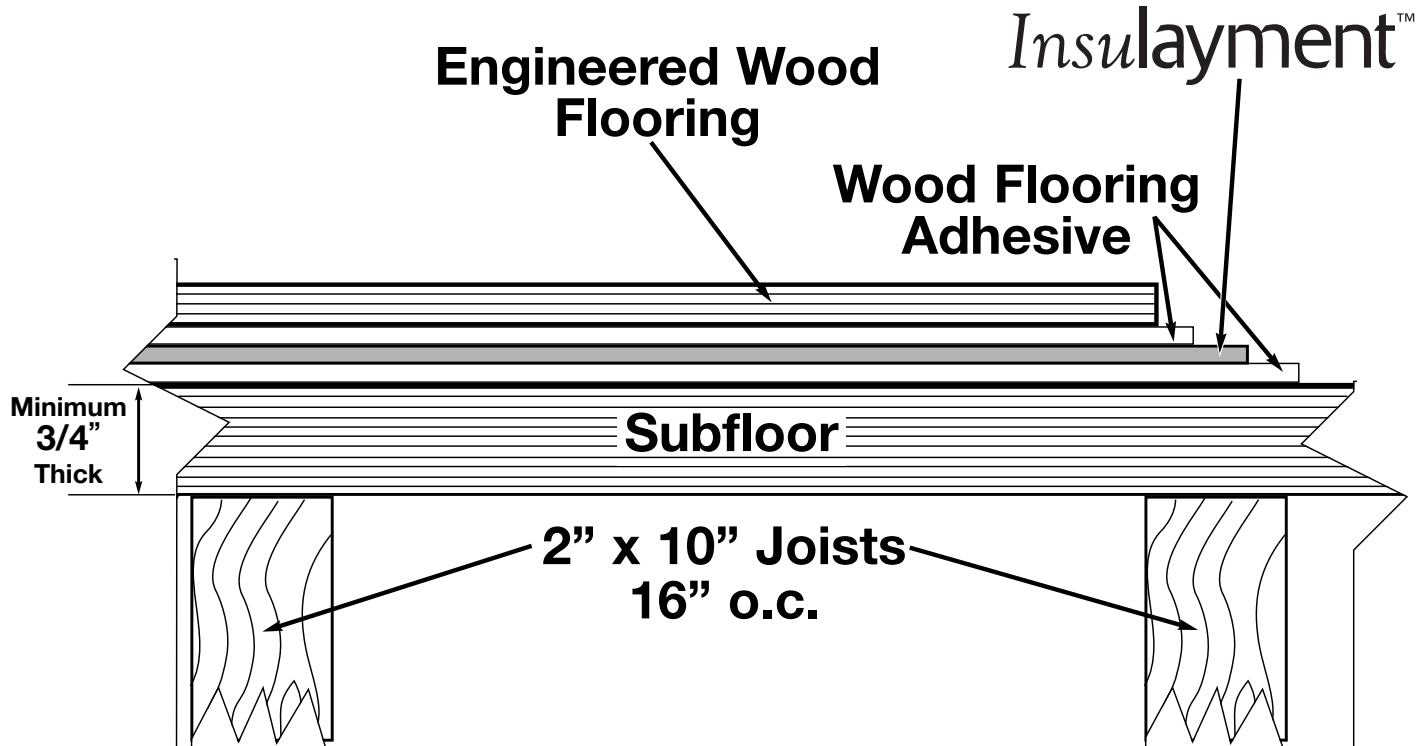


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Acoustical, Crack Suppressant and Insulating Underlayment for Ceramic Tile and Engineered Wood Floors

INSTALLATION INSTRUCTIONS for Engineered Wood Flooring with Insulayment Over Wood Subfloor



Installation Method #5: Engineered wood on plywood sub-floor

Setting Material: Latex Base or Urethane Wood flooring Adhesive

Trowel Size: 3/16" x 3/16" Square-notch or U-notch trowel

Sub-floor Requirements: Association grade particleboard or tongue and groove plywood with a minimum thickness of 3/4". It must be structurally sound and free of contaminants and sealers. Maximum variation of 1/4" in 10', with a 16" on center joist system.

Steps:

1. Roll out Insulayment and trim to fit the floor using a sharp utility knife and a straight edge. Be sure to run the Insulayment to the edges of the perimeter leaving no gaps.
2. Pull back pre-cut sections and use recommended trowel to spread setting materials in 4 to 6 foot sections. Roll the Insulayment into the setting material.
3. After the entire surface is applied, roll the surface with a 35lb roller to establish good adhesion, making sure no ridges remain in the adhesive. If a roller is not available, apply appropriate downward pressure using a grout float.
4. Allow 2 hours drying time, or until the Insulayment is bounded tightly to the floor.
5. Apply wood flooring as per flooring manufacturer and NWFA recommendations.

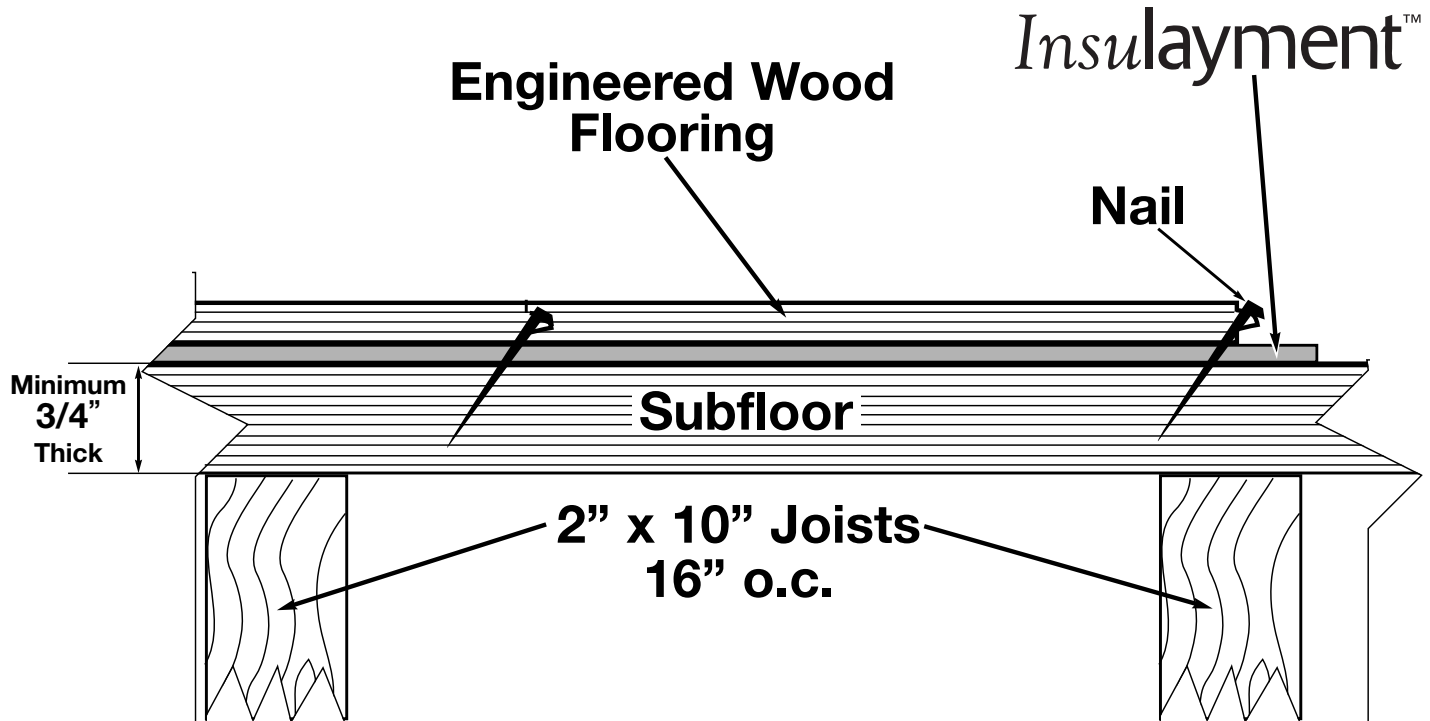


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Acoustical, Crack Suppressant and Insulating Underlayment for Ceramic Tile and Engineered Wood Floors

INSTALLATION INSTRUCTIONS for Engineered Wood Flooring with Insulayment Mechanically Fastened to a Wood Subfloor



Installation Method #6: Mechanically fastened hardwood and engineered wood

Setting Materials: None

Trowel Size: None

Sub-Floor Requirements: Tongue and groove plywood with a minimum thickness of 3/4". It must be structurally sound and free of contaminants and sealers. Maximum variation of 1/4" in 10', with a 16 on center joist system.

Steps:

1. Roll out Insulayment and trim to fit the floor with a sharp utility knife and a straight edge. Be sure to run the Insulayment to the edges of the perimeter leaving no gaps.
2. Seams should be butted together and not overlapped. Taping the seams with duct tape should not be necessary, but is not prohibited.
3. Install flooring as per flooring manufacturer and NWFA recommendations. Nail through the Insulayment system to the joist system. Use the maximum length nails approved by the wood floor manufacturer.



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