

Arizona Licensed Roofing Contractor

Section: Arizona CR-42 Roofing License Exams • Total Questions: 10 • Format: Verified Q&A

1. Drip edges on steep slope roofs shall be mechanically fastened at a maximum spacing of

- (A) 12 inches.
 - (B) 18 inches.
 - (C) 36 inches.
 - (D) 42 inches.
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2. How is the slope of a roof calculated?

- (A) Slope = Total Rise divided by Total Run.
 - (B) Slope = Total Height divided by Total Length.
 - (C) Slope = Total Run divided by Total Rise.
 - (D) Slope = Total Rise divided by Total Span.
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3. Mineral surface open valley linings for asphalt shingles shall be a

- (A) single layer 24 inches wide.
 - (B) single layer 36 inches wide.
 - (C) double layer, 12 inches on the bottom and 24 inches on the top.
 - (D) double layer, 18 inches on the bottom and 36 inches on the top.
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4. A coal-tar, built-up roof should typically have what MINIMUM slope to ensure adequate drainage?

- (A) 1/8 inch per foot.
 - (B) 1/2 inch per foot.
 - (C) 1 inch per foot.
 - (D) 2 inches per foot.
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5. The installation of clay roofing tile shall comply with

- (A) ASTM C 67.
 - (B) ASTM C 1167.
 - (C) ASTM D 225.
 - (D) ASTM D 2626.
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6. The asphalt strip shingles in a woven valley should extend beyond the center of the valley a minimum of how many inches?

- (A) 6
 - (B) 12
 - (C) 18
 - (D) 24
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7. An asphalt emulsion is used for surfacing bitumen on a roof with a 4 in 12 pitch. What is the application rate for the surface emulsion, in gallons per square?

- (A) 1.5 gallons.
 - (B) 3.0 gallons.
 - (C) 5.0 gallons.
 - (D) 7.0 gallons.
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8. What should be done when using metal to repair splits in wood shingles?

- (A) All exposed nails should be sealed with roofing cement.
 - (B) A new shake or shingle should be installed over the metal.
 - (C) New felt paper should be slipped between the metal and the damaged shake or shingle.
 - (D) The metal should be slid under the split and the bottom edge of the metal should be bent 90 degrees to hold it in place.
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9. On a hip roof, what shape should ridge caps cut from 3-tab shingles be?

- (A) Diamond shape.
 - (B) Square with tapered lap portions.
 - (C) Rounded across the top.
 - (D) Triangular.
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10. Coal tar built-up roofs shall have a design slope of a MINIMUM of what unit vertical within 12 units horizontal?

- (A) 1
- (B) 1/2
- (C) 1/4
- (D) 1/8