

# Frequently Asked Questions

## ROOFING AND REROOFING REQUIREMENTS

### RESIDENTIAL (ONE AND TWO FAMILY DWELLINGS)

1. How many layers of roof covering are allowed?

A maximum of two layers.

2. What is the minimum thickness of roof deck?

3/8 inch if the panels are stamped with a span rating of 24/0

3. If a roof deck is 3/8 inch and rafters are spaced at 24 inches on center, but there is no visible span rating stamped on the deck is it code compliant?

No, older building codes allowed 3/8 inch decking, but with a maximum distance between supports of 22 inches. Rafters installed at 24 inches on center will result in a distance of 22.5 inches between supports.

4. For 3/8 inch roof decking are edge clips required?

Yes, for rafters spaced at 24 inches on center, but not if rafters are spaced at 20 inches on center.

5. Can a new layer of 3/8 inch decking be installed over the existing decking?

Yes

6. Is nominal 1 inch plank sheathing code compliant?

Yes

7. Can existing flashing, edging, outlets and vents devices be reused with the new roof covering?

Yes, unless they are rusted, damaged or deteriorated.

8. What is the minimum fire classification requirement for roof coverings?

Class C roofing

9. What is the roof slope requirement for an asphalt shingle roof covering?

Asphalt shingles can only be used on roof slopes of two units vertical in 12 units horizontal (17% slope). A double underlayment is required from 2:12 to 4:12 roof pitch.

10. Is an ice barrier required in Irving?

No

11. What type of valley flashing is required?

For open valleys non-corrosive metal 24" wide

For closed valleys one ply of smooth roll roofing 36" wide

12. Can roof decking of 1x12 lumber planks and ¼" gaps be overlaid with new roof covering?

Yes, but roof covering must be installed per the manufacturer's instructions

## COMMERCIAL BUILDINGS

1. When replacing a roof covering is it required to meet the Energy Code for insulation?

Yes, if the roof cavity is exposed over conditioned spaces.

2. What is the R Value of the insulation required?

R-25

3. Where can the insulation be installed?

Between the roof rafter framing or continuous on the roof.