

# Superior Type 4

## Multi-Layer Radiant Insulation

Designed for commercial/industrial wood roof structures where additional winter insulating values are required.



Type 4 and optional F-2 face sheet shown

- **Low Cost**
- **Outstanding Performance**
- **R<sub>23</sub> - Summer**  
**R<sub>12</sub> - Winter** **in 3 1/2" Cavity**
- **No Irritating Fibers**
- **Easy Installation**



### **Superior Radiant Insulation, Inc.**

509 Terrace Drive San Dimas, California 91773

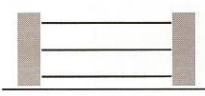
Phone: (909) 305-1450 Fax: (909) 305-1448

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All Superior products comply with California law which states that all insulation sold and installed in California must be certified to be in compliance with California insulation quality standards (B and P Code section 19165). Insulations that meet these criteria are listed with the Bureau of Home Furnishings and Thermal Insulation.

## Superior Type 4 Multi-Layer Radiant Insulation

**Material Composition:** Superior Type 4 is composed of two sheets of foil-enclosed kraft paper and one sheet of aluminum foil. All sheets are attached to chip board stapling flanges.



|                     | 2 x 6 Framing          | 2 x 4 Framing          |
|---------------------|------------------------|------------------------|
| Type 4              | R-17.3 down, R-8.4 up  | R-16.1 down, R-8.4 up  |
| Type 4 & face sheet | R-21.5 down, R-10.8 up | R-20.3 down, R-10.8 up |

**Architect or Specifier:** A greater insulation value, improved durability and a more finished appearance will be achieved by adding Superior F-2 or Superior FSKF face sheet stapled to the bottom of the sub-purlins or the rafters. See Superior F-2 or Superior FSKF brochure for specifications. For applications unique to your project, please call for assistance.

### Recommended Specification:

Install multi-layer radiant insulation as manufactured by Superior Radiant Insulation, Inc. San Dimas, California. Phone (909) 305-1450.

1. Grasp material by the flange adjacent to printing and position this flange at the top of sub-purlin with printing facing away from you.
2. Staple along the top flange full length approximately 6 inches on-center.
3. Grasp other flange and extend it to the inside of opposite sub-purlin, “opening” the parallel layers. This flange should be approximately even with the bottom of sub-purlin and without cross-buckles. Finish by stapling full length approximately 6 inches on-center.

Superior multi-layer radiant insulation should be installed only by qualified mechanics.

**Warning:**

Do not install under a wet roof deck. Insulating below a wet roof may cause damage to insulation and roof structure. Contact roof structure provider for recommended maximum moisture content of roof structure prior to roofing and insulation.

This product may have an effect on whether condensation will occur. Condensation is a natural and common phenomenon that can occur at the walls and roof of buildings under certain conditions. Many circumstances including the mix of materials, weather and other factors will affect whether condensation occurs, the degree to which it occurs, and the effect condensation will have on the components of the building.

Aluminum is a good conductor of electricity. During installation avoid open electrical circuits and other exposed electrical current situations to prevent electric shock. Electric shock can result in injury or death.