

September 2015

COMMERCIAL

INDUSTRIAL

MULTI-FAMILY



Low-Slope Roof Insulation

Insulation is a vital part of any roof. Insulation reduces the amount of warm air that leaves a building in fall and winter and reduces the amount of cool air that leaves during spring and summer. Proper insulation conserves energy and can save property owners money. Therefore, it is important to properly insulate your building.

When it comes to insulating a flat roof, different types of insulation are used, including, but not limited to:



DensDeck® installed at the Churchill Apartments.

Polyisocyranurate (Polyiso): Polyiso is a rigid foam board insulation and it has the highest R-value per inch of thickness. It is a stable product and tests well in FM standard fire tests.

Polystyrene: A waterproof rigid foam insulation is available in expanded and extruded forms.

FEATURED PROJECT



The Churchill Apartments Minneapolis, MN

Rayco Construction is installing a new Carlisle 60 mil EPDM system on the Churchill Apartments at 111 Marquette Ave in Minneapolis. We are working with M & R

Expanded (EPS): Manufactured using **c**losed-cell expanded polystyrene. It is usually white in color.

Extruded (XPS): Manufactured using extrusion available in colors like pink or blue, depending on the brand.

Wood Fiber: An inexpensive option which consists of organic wood fibers. The wood fiber is mixed with other fillers to form the board shape.

DensDeck®: Made of fiberglass mats with a core made of gypsum. Excellent at withstanding heat and mold growth.

At Rayco we have installed each of these insulation types. Every roof is different and different factors play into what type of insulation we choose for a job. The type of roof membrane, the climate, and type of building are a few factors that go into choosing the best insulation for each job.

Roof Pavers

Roof pavers are a popular choice for roofs that have a lot of foot-traffic. Patios, decks, party areas, pool areas, and rooftop gardens are some examples of where pavers can be used. The pavers are more durable than a TPO or EPDM membrane, from the constant abuse of people walking across the surface. The pavers are placed on top of the membrane to keep the roof water-tight. Pavers also add to the aesthetic appeal of the roof; giving it a look that people will remember. Pavers are



Pavers installed over TPO membrane at Langton Place in Roseville.

available in different colors, textures, and sizes; allowing building owners to customize the appearance to his or her liking. Check out Wausau Tile to see the different types of pavers offered.

Development to complete the roof. Click **here** to view more pictures of Rayco on the job.











Quality Roofing Since 1978 **612-781-6092**

Stay In Touch







Rayco Construction is a FULL SERVICE commercial roofing company that has been providing superior roofing solutions since 1978. Our team of professionals provides quality craftsmanship and a deep knowledge of the roofing industry.

We want your roof to stand the test of time. Therefore, Rayco Construction only uses the best time-proven products and materials. Our reputation depends on our strong attention to detail and dedication to quality.

Rayco Construction has excellent references, a BBB A+ rating, and recognition awards for being a leader in the roofing industry.

We would greatly appreciate the opportunity to service your commercial roofing needs.

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