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TODAY'S OPTIONS FOR FLAT ROOFS

Modified Bitumen Membranes

The modified bitumen roofing system is a hybrid built-up roof. It has the benefits of the built in redundancy of the BUR, along with the added strength, flexibility and UV resistance of a modified membrane.

Modified Bitumen membranes consist of an asphalt and polymer blend which allow the asphalt to take on characteristics of the polymer. There are several surfacing options for this system which include a factory applied mineral surface, a gravel surface laid in bitumen or a liquid applied coating that is typically reflective in nature.

Single Ply EPDM

EPDM (ethylene propylene diene monomer) is an elastomeric membrane that is lightweight, flexible and economical. EPDM is a rubber membrane that comes in large rolls and must be ballasted, glued or mechanically fastened to a roof, and sealed at all seams.

TPO and PVC Roof Systems

TPO and PVC roof systems offer excellent heat reflection, are low maintenance, and are grease/oil and chemical resistant. These single ply membranes resist punctures and have the benefit of no hazardous components like hot asphalt used in Built Up roofs. As a result they are often required by schools and medical facilities. This material is flexible and can conform to roof movement.

Built-Up Roofing Systems

Conventional bituminous built-up roofing has been used for over 100 years and continues to represent a large portion of today's roofing. The system is field fabricated and consists of layers of waterproofing bitumen alternating with plies of reinforcing felts with an appropriate protective surface. The reflectivity of BUR depends on the color of the surface layer. Four BUR surfacing options are aggregate, smooth, mineral cap, and protective coating.

Coating Systems

Our coating systems reduce your roofing lifecycle costs. An effective roof maintenance program, combined with our coating systems can save up to 43% of deteriorating roofs. They are Energy Star compliant.