Reflective Elastomeric Roof Coating: A Look At The Benefits That It Offers

Source: Bakersfield CA Houses

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When assessing roofing solutions, you should take into consideration what a particular roofing system will deliver in terms of lasting value. Simply put, the roofing system chosen should be durable and not have to be replaced again and again.

Advances in white solar reflective elastomeric roof coating over the course of the past decade, primarily developed on Las Cruces homes in New Mexico, have resulted in a long-lasting roofing system that addresses the need for energy-efficient roofing. These roof coatings provide three key benefits – sustainability, durability and solar reflectivity. In combination, these benefits provide homeowners with value, protection and reduced energy costs.

This principles of durability and value provide relief for the environment in addition to your bank account. When high quality white solar reflective elastomeric roof coating products are correctly applied, they provide a protective barrier that can withstand everything that the elements may throw at it for years and years.

Reflective roof coatings work like mirrors, reflecting the sun's radiant energy back into space. When initially applied, solar reflective roof coatings provide a solar reflectance of up to 80%, which means that only 20% of the sun's energy is being absorbed as heat.

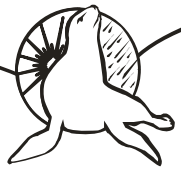
Conventional built up asphalt roofing reflects only around 25% of sunlight. This is because it is typically covered with a gray mineral with a rough texture and a black substrate which causes heat to be absorbed.

The solar reflectivity of white elastomeric roof coatings can reduce the surface temperature when applied over flat built up asphalt roof surfaces. The roof surface temperature reduction associated with white elastomeric roof coatings equate to lower cooling costs to homeowners and promote the life of the roof.

In comparison to white elastomeric solar reflective roofing systems, the installation of built up asphalt roofs is an energy consuming process that results in a roof which has a relatively short service life of 8-10 years.

It is estimated that 7% to 10% of landfills are made up of roofing waste due to the fact that asphalt roofing is not sustainable and requires frequent replacement.

With proper installation and maintenance, all that is required to extend the life of a white solar reflective roof coating is annual cleaning and an additional coating application as per the recommendations of the manufacturer.



As solar reflective roof coating systems only require additional coats to extend their lifespan once the initial system has been installed, they help reduce the amount of waste that goes to landfills associated with traditional roofing tear-off.

The combination of energy savings with durability make elastomeric solar reflective Las Cruces roofing systems an environmentally friendly and sustainable roofing solution.