

SEITec FireGuard RoofWrap

Roof Underlayment for Wildfire Protection and Water Proofing



Description

SEITec FireGuard RoofWrap incorporates state of the art fire-resistant and radiant heat reflective materials that protect against wildfires by keeping the house cool. In addition, SEITec FireGuard RoofWrap is designed to keep air and water out, while letting water vapor escape.

SEITec FireGuard RoofWrap is made from same materials used by firefighters. It is comprised of non-combustible fiberglass fabric overlain by aluminum foil. This is the same material that is used for emergency wrapping of structures during wildfires.

In addition, SEITec FireGuard RoofWrap controls air flow and prevents water intrusion and provides added insulation both during summer and winter. It is a breathable material the keeps the house cool in the summer, warm in the winter, and dry all year round.

Sizes

FireGuard RoofWrap is available in 5-foot width rolls. This width provides flexibility of installation and caters to the variety of job requirements. FireGuard RoofWrap can also be made available in 10-foot width rolls upon request.

Performance

FireGuard RoofWrap provides a unique combination of wildfire protection by radiant heat reflection plus protection against air and water intrusion via a breathable cover that allows moisture vapor to pass through. It replaces conventional roof underlayment materials, which are combustible and only provide protection against air and water, thus providing a crucial added property of protection against wildfires.

SEITec FireGuard RoofWrap is made from woven fiberglass fabric fibers that form a strong, uniform web and is coated with a thin sheet of aluminum foil. The aluminized fiberglass fabric reflects radiant heat from wildfires, which is the primary source of heat causing ignition, and provides thermal insulation. It also resists bulk water and air penetration, while allowing moisture vapor to pass through.

Installation

FireGuard RoofWrap is light weight, flexible, and easy to handle. It is rapidly installed using caped nails or staples starting from bottom up. It easily overlaps and interfaces at seams.

SPECIFICATIONS

Specification	Test Method	Value
Base Cloth	-	Fiberglass
Finish	-	Aluminum Foil
Weight	ASTM D3776/D3776M-20	4.75 oz/yd ²
Thickness	ASTM D1777-96	0.0059 in
Water Vapor Transmission	ASTM E96/E96M-2022	350 g/m ² /24 hrs
		50 Perms
Water Resistance-Rain Test	AATCC TM35	60 cm
Water Resistance-Hydrostatic	AATCC 127	1,350 cm
Tensile Strength	ASTM D5034-21	Warp: 110 lb/in avg Weft: 100 lb/in avg
Burst Strength	ASTM D774	179 psi

DIMENSIONS AND WEIGHT

Parameter	House Wrap
Thickness, mm	0.15
Thickness, Mills	5.9
Weight, g/m ²	161
Weight, lbs/sf	0.033
Weight, oz/sy	4.75
Roll width, ft	5
Roll Length, ft	200
Roll coverage, sf	1000
Weight per Roll, lbs	33.0