

# SEITec FireGuard Building Wrap

Building Wrap for Wildfire Protection and Air/Water Insulation



## Description

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

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

SEITec FireGuard BuildingWrap provides improved building durability by protecting buildings against water intrusion.

## Sizes

FireGuard BuildingWrap is available in 5-foot width rolls. This width provides flexibility of installation and caters to the variety of job

requirements. FireGuard BuildingWrap can also be made available in 10-foot width rolls upon request.

**Performance**

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

SEITec FireGuard BuildingWrap 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 BuildingWrap is light weight, flexible, and easy to handle. It is rapidly installed using capped 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	7.4 oz/yd <sup>2</sup>
Thickness	ASTM D1777-96	0.008 in
Water Vapor Transmission	ASTM E96/E96M-2022	660 g/m <sup>2</sup> /24 hrs
		95 Perms
Water Resistance-Hydrostatic	AATCC 127	1,845 cm
Tensile Strength	ASTM D5034-21	Warp: 200 lb/in avg Fill: 150 lb/in avg
Burst Strength	ASTM D774	250 psi

**DIMENSIONS AND WEIGHT**

Parameter	Building Wrap
Thickness, mm	0.20
Thickness, Mills	8.0
Weight, g/m <sup>2</sup>	250
Weight, lbs/sf	0.051
Weight, oz/sy	7.4
Roll width, ft	5
Roll Length, ft	200
Roll coverage, sf	1000
Weight per Roll, lbs	51.0



For more information visit us at [FireGuard.us](http://FireGuard.us)