



## Installation Instructions

### **Before Installing:**

Before installing Fabral's ROOFSEAL underlayment ensure that the roof decking is properly fastened, has no significant delaminations, warpage, bowing, or separating from the rafters, trusses or support structures and is free of debris, clean, smooth, and dry.

Fabral's ROOFSEAL is not designed or intended to be the final or primary roof. Consult with your local sales representative for further information.

Always observe safe roofing practices (OSHA) and local building and safety codes. Use caution when walking or standing on Fabral's ROOFSEAL. Moisture, dust, snow, ice, debris and other jobsite conditions may change the coefficient of friction of Fabral's ROOFSEAL. Failure to use proper safety equipment and footwear can result in serious injury or death.

### **Installation – General**

Fastening methods and materials should conform to best building practices and local jobsite conditions. Verify final application to be compliant with the requirements of applicable building codes.

Verify compatibility according to geographical region, structure type and roof specification with applicable building codes and/or by review of a building professional. Install Fabral's ROOFSEAL print side up, horizontal (parallel) to the eave, with minimum 4 inch horizontal laps and 6 inch vertical laps. Overlaps shall run with the flow of water in a shingle fashion.

Minimum finished roof slope is 2:12. For roof slopes greater than 2:12 and less than 4:12, laps shall be increased to 25 inches.

Extend Fabral's ROOFSEAL one-inch past gable/rake edge, turn down over edge, fasten approximately 6-inches on center and cover with code-compliant flashing prior to the installation of the final roof covering.

**Fasteners shall either be corrosive-resistant roofing nails with a minimum head diameter of 3/8 inches or plastic capped roofing nails with a minimum plastic cap**

**diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven. Staples may also be used per instructions below.**

For applications where Fabral's ROOFSEAL will not be exposed to precipitation or high winds prior to the installation of the metal panels, Fabral's ROOFSEAL may be installed using non-corrosive or stainless steel staples. Staples shall be applied approximately 3- inches on center along all overlapped edges of Fabral's ROOFSEAL, ensuring that all exposed staples are applied through two layers of properly overlapped underlayment and no staples are applied in the field of the underlayment (through only one layer of ROOFSEAL). Staples must be fully seated so as not to interfere with the metal panels.

### **Short-Term Exposure**

For short-term exposure (less than 24 hours before the primary roof installation is completed) without exposure to precipitation or high wind (any signs of underlayment uplifting), corrosive resistant or plastic capped roofing nails may be used to nominally attach the underlayment only as necessary to prevent distortion around fasteners in high traffic areas. The final roof covering will permanently affix the underlayment in place.

### **2 – 29 Day Exposure**

Applications that are not immediately covered (within 24 hours) by the primary roof covering or are subject to basic wind speeds (fastest mile) in excess of 90 miles per hour (Uniform Building Code) or basic wind speeds (3-second gust) in excess of 110 miles per hour (International Residential Code and International Building Code) shall be attached using corrosive resistant or plastic capped roofing nails, spaced 12 inches on center along both horizontal and vertical laps and 24 inches on center along the center of the roll in the field of the roof.

### **30 – 180 Day Exposure**

For underlayment applications that are not covered by the primary roof covering within 30 days and/or for applications in high wind (any signs of underlayment uplifting) zones, lap widths shall be doubled and fastening frequency increased to 6 inches on center for horizontal and vertical laps and 12 inches on center along the center of the roll. Additionally, it is recommended that a caulk or sealant material be applied between laps before fastening to prevent moisture intrusion in areas of high wind.

### **Repairs**

Repair damage to the underlayment with caulk or sealant material maintaining a water-tight seal around the damaged area and proper overlaps to run with the flow of water in a shingling fashion. Ensure any incorrectly applied fasteners are caulked and/or sealed to prevent possible moisture intrusion.

### **Precautions**

Fabral's ROOFSEAL can be exposed to ultraviolet conditions for up to 6 months. Severe weather and/or local jobsite conditions may require a shorter exposure period. Fabral's ROOFSEAL is not designed to function as the primary roof covering and is intended to function as a secondary water shedding layer under most steep-sloped roofing materials.