



INSTALLATION INSTRUCTIONS

STEP 1:

Unroll 5 feet of MaxFelt and square it with the roof edges. Press out any wrinkles as you move horizontally across the roof deck “laying it out” and working toward the far end or valley. Staple or nail it in place as you go and proceed in 5 ft. intervals to the far end. When you run into a valley (where two different roof lines intersect), continue rolling the material at least 12 inches past the valley intersection (when one roof surface meets another at a different angle). Angle cut the MaxFelt to lay down the middle of the valley. DO NOT nail closer than 12 inches from the valley intersection. Overlap 12 inches at all end laps and fasten end laps 6 inches on center. DO NOT STRETCH at any time during installation. DO NOT leave air spaces or air pockets between the MaxFelt and the solid roof decking (especially in the valleys – see Important Note below).

IMPORTANT NOTE:

In all valley sections, PRIOR to applying MaxFelt, install a layer of approved flashing or water proof membrane (*commonly referred to as “peel and stick”*) and ensure that it is adhered properly and securely to the solid wood decking. A 24 inch wide piece of MaxFelt should be installed and centered vertically all the way up the valley if one of the other methods described is not utilized. Where the seams and joints occur, particularly in valley areas of the roof section, it is recommended that a high quality, low solvent, asbestos free plastic roofing cement or adhesive/sealant that meets ASTM D-4586 Type 1, Federal Spec SS-153 Type 1 requirements also be used.

STEP 2:

Continue installing the rest of the MaxFelt in this fashion by overlapping the second row by 4 inches and work your way up the rest of the roof all the way to the ridge peak. Leave the ridge exposed and continue laying on the other side. When you reach the ridge, fold the MaxFelt over both sides (overlapping a minimum of 6 inches) and fasten it into position. If a ridge vent is used, please install according to the manufacturers recommended installation guidelines.

OTHER IMPORTANT DETAILS:

- Always apply MaxFelt and other flashing materials and membranes in shingle lap fashion where top layer overlaps bottom layer.
- All horizontal (head) overlaps should be a minimum 4 inches and all vertical (end) overlaps should be a minimum of 6 inches.
- Fasteners every 6 inches on center along the edges both vertically and horizontally and every 12 inches on center in the field areas.
- Fasteners must be long enough to penetrate into the sheathing a minimum of 3/4 inch (19.1mm) or through the sheathing, whichever is less.
- It is highly recommended that MaxFelt be fastened using corrosion-resistant ring shank roofing nails with 1-inch-diameter plastic caps. Staples can also be used but WILL compromise MaxFelts weather and wind resistance capabilities. When using staples MaxFelt must be covered immediately.
- Prior to application of the underlayment, the roof deck surface must be dry and free of moisture, dust, dirt, loose nails, and other protrusions. Damage of any kind to the solid wood sheathing on the roof deck must be replaced.
- Installation must comply with the applicable local building code in your area.
- Installation of an approved roof covering must take place promptly following application of the MaxFelt. If left uncovered, approved sealants should be applied to all lap lines and button caps.
- Installation is limited to use with approved roof coverings that are mechanically fastened through the underlayment or battens to the solid sheathing roof deck or rafters.
- Installation of underlayment is limited to solid substrates complying with the applicable local building code.
- Installation is limited to roofs with ventilated attic spaces in accordance with the requirements of the applicable local building code.
- MaxFelt is intended for use as a secondary weather resistant barrier and layer of protection under the roof cladding. It is NOT to be used as a primary waterproofing membrane.

PRECAUTIONS & OTHER SAFETY CONSIDERATIONS:

- Always observe safe roofing practices and OSHA requirements.
- Use caution when walking or standing on MaxFelt. Moisture, dust, and dirt may make the surface slippery. Use proper safety gear and footwear at all times as serious injury or death can occur if avoided.
- Use properly secured roof jacks, toe boards, straps, and harnesses to prevent slippage when walking on roof deck.