

Detailed Application Instructions for Shingle Roof Waterproofing

1. Prepare surface of shingle roof by pressure washing to remove all dirt, debris, loose granules, biological growth and other foreign matter.
2. Allow roof to dry thoroughly. (Check under tabs to see that the roof is indeed dry and that no trapped moisture exists.)
3. Starting at the ridge of the roof, pour out a generous bead of **Therm-X Basecoat** across a 6' foot wide section. (Approximately 2 to 3 gallons)
4. With an 18" wide floor squeegee on a 5' pole, drag the **Therm-X** down about 3 feet until the material covers the 6' X 3' section. Apply slight pressure to drag off the excess material.
5. With a dampened 9" 'Roofing Brush' on a 5' pole, gently brush the **Therm-X** to be sure it has filled all the joints and edges of the shingles and smooth out the coating so as not to leave any gobs. (Take a 5 gallon pail with 2 gallons of clean water onto the roof so that you can dampen the brush and make smoothing easy.) Dampen the brush as needed during this important step. Shake off any excess water into the bucket before smoothing. ***ALWAYS smooth out the material before it starts to skin over and dry so that you get a nice smooth and even surface.***
6. Drag the **Therm-X** down in a similar pattern, pouring more **Therm-X** as needed to keep a good bead of material.
7. When you get near the bottom edge of the roof, be certain that you are not going to excess material. A little practice is important to know how much to leave for the last 3 feet or so.
8. Do not walk in the wet material as it can be very slippery. Smooth the applied material while standing next to it rather than on it.
9. At the edges of roof, brushing the material may be more effective than trying to squeegee in order to keep the job clean and not have any gobs dripping over the edges.
10. When the **Therm-X** is dry enough to walk on, touch-up can be accomplished with more **Therm-X** so that a continuous surface coating of **Therm-X** exists over the entire roof and there are **NO HOLES** and **NO VOIDS** and **NO GOBS** and **NO RUNS**.
11. Allow **Therm-X** to dry thoroughly before application of Elastomerics.
12. Apply **Therm-X** to entire roof at the rate of 2 ½ gallons per 100 square feet.
13. When **Therm-X** is completely dry, apply 2 coats of roof Elastomeric; **Roof Seal, Advantage** or **Super Roof Seal**. If **Advantage** is used, it must be top coated with one of our special Roof Paints or **Super Roof Seal**.
14. Apply Roof Elastomerics at the rate of 80 square feet per gallon in each of 2 coats. Apply with a roller or by airless sprayer. Put it on heavy, let it dry and then do another heavy coat.
15. Check to make absolutely sure that no holes, gaps or cracks are left uncoated. If gaps exist, they **MUST** be filled with **Therm-X** and coated with 2 coats of Elastomeric.
16. Apply a Roof Paint - **Guardian Plus, PermaGloss, Supreme Roof** or **Super Roof Gloss** at the rate of 175 square feet per gallon by roller or airless sprayer.