

Acrylic Fiberglass Membrane

Materials:

1- Roll of Reinforced Mesh Fabric
3-5Gallon Buckets of Acrylic Impermeable

Persons Required

3-4 Maximum

Tools Required

2-Paint Rollers with Handles
1-Utility Knife

Step 1

The glue phase. Using a Roller starting on the lower (7') side of the roof, begin applying one coat of white acrylic to the surface of the OSB in a swath slightly wider than the roll of reinforced mesh. Continue to apply acrylic across roof. This coat acts as a sealant for the wood and an adhesive for the reinforced mesh and should be quite thick.



Note:

Make sure the OSB is clean of any and all debris! It important to have an unbroken seal between the mesh fabric and the OSB.

Step 2

The mesh phase. As acrylic is being applied, roll out reinforced mesh fabric over wet acrylic leaving 2-3 inches over the edge of the roof.

Make sure to avoid wrinkles and air pockets - similar to applying wallpaper. This step is also similar to applying rolled roofing, except over an adhesive. Roll the length of roof. Cut the mesh leaving 2-3



Step 3

As reinforced mesh fabric is being rolled onto first coat of acrylic, begin applying a top coat of acrylic over the mesh with a Paint Roller. This coat should work its way through the reinforced mesh and bond with the first coat. Adding a little pressure as you are applying it over the surface will assist in this



Step 4

Moving up the roof, repeat steps 3-5. Make sure to overlap about 3 inches on the preceding course. Try to stay off of the mesh once the second coat of acrylic has been applied. Continue until entire roof is covered.

(NOTE) The final course of reinforced mesh on the higher (8') side of the roof may overlap more than 3

Step 5

Allow roof to dry completely - the surface of the roof should not be tacky. Apply another coat over surface of roof with Paint Roller.

