



Technical Bulletin

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Preparation of DensDeck in Modified Bitumen Roof Systems

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Standard DensDeck (without factory-applied primer) can be used as a cover board in Modified Bitumen Roofing Systems but the following preparatory steps must be followed. DensDeck Prime will only require field priming if the top surface becomes contaminated (such as with dust or other debris that will impede adhesion).

1. Follow all standard fastening patterns as outlined in Mule-Hide's Fastener Guidelines document. The standard reduced fastening pattern for DensDeck is 12 plates and fasteners per board in the field of the roof, 18 per board in the perimeters and 24 in the corners.
2. Remove all installation "dust" created by field cuts of the gypsum product.
3. In a test area or board, install Mule-Hide 121 Asphalt Primer at the initial rate of .75 gallons per 100 sf. Apply primer with a roller or spray equipment.
4. Allow the primer to flash-off. The primer should not be wet, but should be sticky when touched, and not transfer to a dry knuckle.
5. If the surface of the board absorbs the primer and it is not tacky when tested, apply a second coat of primer at the same application rate, allow it to dry and perform the test again. Installation of the self adhered membrane cannot begin until passing this test.
6. Once the test passes and the substrate on dry primer is sticky, the installation of either Self Adhered Modified Bitumen or Torch Applied Modified Bitumen can begin.

If there are questions or clarifications required related to this procedure, please contact Mule-Hide's Technical Department.