

SANDELL'S METAL GUARD I

Description:

Sandell®'s Metal Guard™ I is a durable self adhesive composite underlayment specifically designed to withstand a rigorous commercial construction site. The strong slip resistant polyester surface provides a rugged barrier to physical damage, UV radiation, weather and moisture penetration. The unique modified asphalt adhesive layer offers the application benefits of cold temperature adhesion and exceptional thermal stability under high heat. The self-adhesive layer is covered with a high temperature release paper which is removed during the installation. Sandell®'s Metal Guard™ I composite is 40 mil (1mm) thick and is supplied in 200 sq. ft. (3' x 66.6') (.9m x 20.3m) rolls. Sandell®'s Metal Guard™ I is self adhesive and is cold applied. No special adhesives, heat, or equipment are necessary to install this product.

Uses:

Sandell®'s Metal Guard™ I is an excellent underlayment for metal roofing. It prevents moisture entry into the structure, as it seals itself uniformly to the deck and around nail penetrations. It also serves as a temporary roof to protect the structure until the primary roofing system has been installed. Sandell®'s Metal Guard™ I may be exposed for a maximum period of 90 days.

Applications:

Sandell®'s Metal Guard™ I should be installed when ambient and substrate temperatures are 40° F (4.4° C) or higher. Remove all dirt, dust, loose nails and debris prior to Application. Sandell®'s Metal Guard™ I can be installed directly to the structural deck. Cut the membrane into manageable lengths, typically 10', or 12' sections. Align the membrane parallel to the roof edge and fold the membrane away from the edge onto itself. Remove the release paper and place the membrane with the exposed rubberized asphalt onto

the deck, placing firmly into place. Repeat process as needed. Overlap successive courses 3". End laps should overlap 6". On all roof applications, it will be necessary to nail all overlaps of the membrane 12" on center. Successive courses should overlap lower courses by 3".

Details:

At vertical surfaces, Sandell®'s Metal Guard™ I shall turn up a minimum of 8". With valleys, the continuous sheet shall be centered in the valley and overlapped by each course a minimum of 6". All roof penetrations shall be sealed with a modified bitumen adhesive. When Sandell®'s Metal Guard™ I is to be adhered to any metal surface, priming with an asphalt primer is required. For added protection and to enhance end lap integrity, a modified bitumen adhesive should also be used under all overlaps.

Standards and Codes Approval:

ASTM D 1970 Standard Ice Dam Underlayment

Safety Storage and Handling: Pallets of Sandell®'s Metal Guard™ I shall not be double stacked on the job site. Provide adequate cover on top and sides allowing for ventilation. Consult the MSDS sheet for best available information on the safe handling, storage, personal protection, health and Environmental considerations.

TECHNICAL ASSISTANCE:

Call Sandell directly for technical assistance or product questions:

- New York: 800.283.3888
- Alabama: 877.726-3355
- Wisconsin: 800.323-3565

 www.sandellmfg.com

Amendments / Notes:

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Sandell Employee:

Date:

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