

KSR-10

Drain cover and inspection box for extensive green roofs
#120106



Manual

■ Green up the roof!



Application:

The KSR-10 drain cover and inspection box that is typically installed on extensive green roofs, with a 4" build up, to help ensure protection and scheduled maintenance of outlets. The KSR is designed to protect drain outlets from UV light, foot traffic, debris, and plant growth, all while allowing proper water flow into the drain. With the aid of the height extension elements KSR+5 and KSR+10 (2" and 4" in height, respectively), it is easy to modify the product height to meet the required substrate depth.

Installation instructions:

There are three types of installation depending on the roof system itself. In cases where drainage boards are installed, the inspection boxes are placed directly on them. With aggregate type drainage layers, the inspection boxes have to be placed directly on the protection fleece, and drainage pipes are recommended to enhance the waterflow capacity. On inverted roofs, the inspection boxes are placed on the thermal insulation. After placing the boxes, a gravel board perimeter is installed 12" from the box. The space is then filled with river rock, thus forming a strip that surrounds the inspection box and acts as a protection and separation field. Great care has to be taken to ensure the continuity of the filter fleece in the area around the inspection boxes. It is advisable to run the filter fleece at least 2" up along the sides of the inspection boxes. To lock the inspection boxes properly, line up the rib underneath the symbol on the lid with the cut on the housing.

Installation Tools:

There are no special tools required for the installation of this product.

Installation Photos:



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