DRAINAGE MATS

ENKADRAIN®

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Specifier/Editor Notes with editing instructions and commentary have been included in hidden text for the specifier's review.

This information is intended to be incorporated into 3-part specifications as an accessory within a speci-fied assembly. Suggested language has been provided as a starting point and is to be edited to meet Project-specific requirements. Specifier may add relevant paragraphs and articles below to sections such as those pertaining to stucco, thin masonry veneers, EIFS, wood siding, fiber cement siding, or other rain-screen cladding sections.

PART 1 - GENERAL

1.1 SUBMITTALS

A. Product Data: For drainage mat, indicating material characteristics and performance criteria.

PART 2 - PRODUCTS

Select one of the following drainage mat systems below based project-specific requirements. EnkaDrain 3611 is a general use drainage product with fabric on one side. Where heavy sediments are anticipated, including green roof applications, EnkaDrain 3811 with fabric on both sides is often specified. The thinnest option, EnkaDrain 3601, is often specified under pavers. Consult Enka Solutions for additional product information.

2.1 ACCESSORIES

Enka Solutions offers two different thicknesses and three different profiles, U-groove, dimpled, and waffle. U-groove is generally more dimensionally stable and will resist compression more than dimpled. Select thickness and product based on project performance requirements.

A. Drainage Mat: Extruded polymer matrix of tangled monofilaments molded into a square waffle pattern with geocomposite fabric bonded to one side.
   1. Thickness: 0.50 inch (12.7 mm).
   2. Flow Rate: 120 gal/min/sq ft (81 L/sec/sq m) when tested in accordance with ASTM D4491.
   3. Basis of Design Product:
      a. Enka Solutions; EnkaDrain 3611: www.enkasolutions.com.

B. Drainage Mat: Extruded polymer matrix of tangled monofilaments molded into a square waffle pattern with geocomposite fabric bonded to one side.
   1. Thickness: 0.45 inch (11.4 mm).
   2. Flow Rate: 120 gal/min/sq ft (81 L/sec/sq m) when tested in accordance with ASTM D4491.
   3. Basis of Design Product:
      a. Enka Solutions; EnkaDrain 3615: www.enkasolutions.com.

C. Drainage Mat: Extruded polymer matrix of tangled monofilaments molded into a square waffle pattern with geocomposite fabric bonded to both sides.
   1. Thickness: 0.50 inch (12.7 mm).
   2. Flow Rate: 120 gal/min/sq ft (81 L/sec/sq m) when tested in accordance with ASTM D4491.
   3. Basis of Design Product:
      a. Enka Solutions; EnkaDrain 3811: www.enkasolutions.com.

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D. Drainage Mat: Extruded polymer matrix of tangled monofilaments molded into a U-groove pattern with Colback® filter fabric bonded to one side.
   1. Thickness: 0.25 inch (6.4 mm).
   2. Flow Rate: 185 gal/min/sq ft (125 L/sec/sq m) when tested in accordance with ASTM D4491.
   3. Basis of Design Product:
      a. Enka Solutions; EnkaDrain W 3601: www.enkasolutions.com.

PART 3 - EXECUTION

3.1 DRAINAGE MAT INSTALLATION

A. Install drainage mat in accordance with manufacturer's written instructions with filament facing down and filter fabric facing up. Butt edges of adjacent drainage mats tightly together and lap fabric to create a continuous filter layer.

END OF SECTION

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