

## DESCRIPTION

Elevation DM2 Elite Drain Mat is a low profile drainage mat designed to create a sub-concrete drainage plane for quick removal of sub-surface water from the balcony. DM2 sits between the Elevation waterproofing and the concrete that is poured atop the drainage mat that acts as the finished surface. The scrim on the top of DM2 allows water to pass but also holds back the concrete when it is still flowable to prevent the concrete from fouling the drainage plane. At ¼" total thickness, DM2 Elite does not require framing or T-Bar modifications. DM2 prevents water from being trapped in the slab which could lead to efflorescence and spauling in warm climates and freeze/thaw cracking in cold climates.



DM2 Elite is a high compression resistant cusped HDPE design bonded to a 125g non-woven filter fabric. DM2 Elite has a continuous sheet of polyolefin plastic providing an additional waterproof/protective layer over the Elevation Waterproofing System.

- Highly Durable
- UV Stabilized
- Conforms to irregular surfaces and corners
- Additional layer of water protection
- Protective barrier to S60 waterproof membrane
- Excellent Flow Properties
- Cost Efficient
- 80% post-consumer recycled content

## PHYSICAL PROPERTIES

<b>Weight</b>	6.24 oz/yd <sup>2</sup> , 211.57 g/m <sup>2</sup> ASTM D5261
<b>Puncture Strength</b>	65 lbs, .29 kN ASTM D4833
<b>AOS</b>	1/125, .211mm ASTM D4751
<b>Flow Rate</b>	183 GPM/ft <sup>2</sup> , 0.114 m <sup>3</sup> /hr/m <sup>2</sup> ASTM D4491
<b>UV Stable</b>	<120 days
<b>Compression Resistance</b>	greater than 10,000 psf
<b>Thickness</b>	¼" (6mm)
<b>Color</b>	Black with bonded Black Fabric
<b>Roll Width</b>	48" (122cm)
<b>Roll Length</b>	100' (30m)
<b>Square Feet per roll</b>	400sqft
<b>Weight per roll</b>	54 lbs (24.5 kg)

## PACKAGING

6 rolls per pallet

## INSTALLATION

### SURFACE PREPARATION

Clean, remove all foreign matter from waterproof system surface.

### APPLICATION

Once Elevation waterproofing is installed per all Formulated installation details, Elevation DM2 Elite is to be loose laid over the waterproofing system surface making sure all seams are butted tight together, Fabric side up. Once all seams are tight, use Elevation FT or other approved tape to seal seams. Make sure to install Elevation DM2 Elite so that all seams run from exterior wall to front edge of the balcony, thus preventing water from crossing seams. When terminating at T-Bar nailer flange, install DM2 Elite with ¼" of flange, bridge termination using Elevation L Flash 4" waterproof reinforcement tape. Do not allow DM2 Elite to overlap T-Bar nailer flange.

### STORAGE

Store in dry conditions.

### LIMITATIONS

Surfaces must be clean and free of foreign matter.

DM2 Elite is not indefinitely UV Stable and should be covered within 30 days of installation.

## ELEVATION® DM2 INSTALLATION DETAIL

