Performs a multi-faceted role by providing protection for waterproofing systems and managing sub-surface water around building foundations. Consists of a light duty impermeable low profile polymeric sheet cuspidated under heat and pressure to form a high flow dimpled drainage core. The core is then bonded layer of non-woven filter fabric. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core. Collected water is then conveyed to a proper collection system.

**J·DRAIN 150 T**

Consists of J·DRAIN 150 core, but bonded to a layer of heat treated filter fabric.

**J·DRAIN 152**

Identical properties to J·DRAIN 150 with the addition of a protection sheet bonded to the back side of the cuspidated core providing protection for soft membrane waterproofing systems.
**APPLICATIONS:**

**PLANTERS & ROOF GARDENS**

- Fold fabric over at top

**J-DRain 150 Series**

-Waterproofing Membrane (Fabric facing soil)

- **J-DRain SWD** (on or next to footer)

**NOTE:** When using J-DRain 150 series cut and remove drainage core and cover with an aluminum plate as shown.

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**APPLICATIONS:**

**FOUNDATION WALL / RETAINING WALL**

- Terminate J-DRain a min. of 6" below top of backfill
- Remove 6" of core and bond to wall with adhesive or mastic
- Waterproofing Membrane

**J-DRain 150 & 152 Black Non-Woven**

- **Flow (ASTM D-4491)**
  - 140 gpm/ft² (5704 l/min/m²)
- **CBR Puncture (ASTM D-6241)**
  - 250 lbs. (1.11 kN)
- **AOS (ASTM D-4751)**
  - 70 U.S. Sieve (.212 mm)
- **Grab Tensile (ASTM D-4632)**
  - 100 lbs. (.45 kN)
- **U.V. Resistance (ASTM D-4355)**
  - 70% @500 hrs.

**J-DRain 150T Grey Heat Treated**

- **Flow (ASTM D-4491)**
  - 90 gpm/ft² (3657 l/min/m²)
- **CBR Puncture (ASTM D-6241)**
  - 300 lbs. (1.32 kN)
- **AOS (ASTM D-4751)**
  - 70 U.S. Sieve (.212 mm)
- **Grab Tensile (ASTM D-4632)**
  - 120 lbs. (.54 kN)
- **U.V. Resistance (ASTM D-4355)**
  - 70% @500 hrs.

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**Physical Properties**

<table>
<thead>
<tr>
<th></th>
<th>Core</th>
<th>Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>5,200 psf (249 kN/m²)</td>
<td>Roll Weight</td>
</tr>
<tr>
<td>Thickness</td>
<td>.31 in. (7.87 mm)</td>
<td>Roll Width</td>
</tr>
<tr>
<td>Flow (Hydraulic gradient =1)</td>
<td>12.5 g/min/ft (155 L/min/m)</td>
<td>Roll Length</td>
</tr>
</tbody>
</table>

**J-DRain 150 & 152**

- J-DRain 150 & 152 Black Non-Woven
- J-DRain 150T Grey Heat Treated

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**Standard variations of 10% in mechanical properties and 15% in hydraulic properties are normal.**

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