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CONSTRUCTION

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# Polyflow® BD

## PRODUCT OVERVIEW

Polyflow® BD Protection and Drainage System is manufactured with a geo-composite of a formed pre-punched impermeable polymeric core covered on both sides with a non-woven filter fabric. Polyflow® BD (Balcony Drain) is a sheet molded drain that establishes predetermined pathways for balcony water management. The fabric allows the water to flow to designated drainage exits. The punched core increases the overall release of water from within the system. Polyflow BD Sheet Molded Drainage is designed for balcony deck applications only.

- Drainage for balcony, breezeways, and corridor decks with less than 3" of concrete and foot traffic only.
- Polyflow® BD signifies its use in Balcony Drain applications.
- For horizontal deck installation, Polyflow® BD Sheet may be loosely laid directly over the balcony waterproofing membrane.

| Property | Test Method | Typical Value |
|---|---|---|
| **DRAIN** | | |
| Flow Capacity | ASTM D 4716 | 12.5 g/min/ft. |
| Roll Length | | 50 ft. |
| Roll Width | | 4 ft. |
| Roll Weight | | 35 lbs. |
| **CORE** | | |
| Material | | Polymeric |
| Thickness | ASTM D 1777 | 0.31 inch |
| Compressive Strength | ASTM D 1621 | 5,200 lbs./ft$^2$ |
| Polymeric Film Layer | | |
| **FABRIC** | | |
| Material | | Non-Woven |
| Grab Tensile Strength | ASTM D 4632 | 100 lbs. |
| CBR Puncture Strength | ASTM D 6241 | 250 lbs. |
| EOS (AOS) | ASTM D 4751 | 70 US Sieve |
| Flow Rate | ASTM D 4491 | 140 g/min/ft$^2$ |

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## Drainage Systems & Accessories



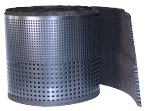
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