



# 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 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
<b><u>DRAIN</u></b>		
Flow Capacity	ASTM D 4716	12.5 g/min/ft.
Roll Length		50 ft.
Roll Width		4 ft.
Roll Weight		35 lbs.
<b><u>CORE</u></b>		
Material		Polymeric
Thickness	ASTM D 1777	0.31 inch
Compressive Strength	ASTM D 1621	5,200 lbs./ft <sup>2</sup>
Polymeric Film Layer		
<b><u>FABRIC</u></b>		
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 <sup>2</sup>

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## Drainage Systems & Accessories



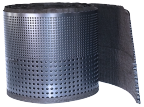
Polyflow®  
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End Outlet



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