

# DIRECT BREATHER

## 3D UNDERLAYMENT DRAINAGE & VENTILATION

**METAL ROOFING | CEDAR SHAKES | CEDAR SHINGLES | ZINC ROOFING  
SIDING APPLICATIONS | TURF REINFORCEMENT**

Direct Breather is a black Nylon (8mm) 3-dimensional drainage, ventilation, and turf reinforcement underlayment. It is produced from an extruded polymer matrix of tangled monofilaments, which are heat-welded at the junctions to form a structure that spaces roofing and siding materials from the sheathing.

The product is designed to create a continuous airspace for ventilation and drainage that prevents moisture issues. Direct Breather is extremely flexible and conforms to any contoured surface or roofing material (cedar, metal, tile, etc.) and is perfect for residential and commercial applications.

### FEATURES & BENEFITS

- Fire Resistant.
- Drainage of excess moisture and ventilation in one product.
- Creates an open structure for heat reduction between roofing & sheathing.
- Reduces sound transmission through panels.
- Polymer core resistant to most known corrosive chemicals, including solvents.
- Core absorbs and releases no moisture.
- Provides no source for the promotion of MOLD, MILDEW or BACTERIA
- Prolongs life of membrane and roof structure.
- Simple installation with mechanical staple hammer.
- Lightweight, easy to install and handle.
- Bends and conforms to any type of contoured roof.
- 75% greater air flow compared to competitive products.
- Contributes to LEED points.

### TECHNICAL DATA

PROPERTIES	TEST METHOD	METAMATRIX®
Core Material		Nylon
Colour		Black
Flame Spread	ASTM E84	Class A
Thickness	ASTM D6525	8 mm (0.3 inch)
Mass/Unit Area	ASTM D5261	280 g/SqMt (8.25 oz/SqYd)
Elongation	ASTM 5035	MD 60% CD 55%
Tensile Strength	ASTM 5035	MD 105 lbs./SqFt CD 70 lbs./SqFt

### PHYSICAL DATA

Roll Width	1.5 m (59 Inch)
Roll Length	12.5 m (41 Feet)
Area/Roll	18.75 SqMt (200 SqFt)
Weight/Roll	11.5 Lb (5.2 Kg)
Rolls/Pallet	21