



## Product Data Sheet (PDS):

GacoPoly DMVTPS-4x50

Revised: 3/2025

# GACOPOLY DMVTPS-4X50 VEHICULAR TRAFFIC DRAIN MAT

### A. PRODUCT DESCRIPTION:

GacoPoly DMVTPS-4x50 performs a multi-faceted role by providing protection for waterproofing systems and collecting excess water in plaza decks, split slabs, planters, roof top gardens, and other horizontal surfaces. Planting soil is retained while allowing water to pass into the drainage core. The collected water is then conveyed to a proper collection system.

Consists of a heavy duty impermeable polymeric sheet cusped under heat and pressure to form a high flow dimpled drainage core. The core is then bonded to a layer of 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. A protection sheet is bonded to the back side of the cusped core providing for soft membrane waterproofing systems. GacoPoly DMVTPS-4x50 is compatible with waterproofing without the use of a protection board.

### B. RECOMMENDED USE\*:

- Planters
- Roof gardens
- Plaza decks
- Split-slabs

\* Refer to details "GA-DWP-DSG-1 - PLAZA DECK DRAIN", "GA-DWP-DSG-2 - SPLIT-SLAB DRAIN" & "GA-DWP-T-7 - PLANTER / ROOF GARDEN TERMINATION"

### C. PACKAGED PRODUCT DATA\*\*:

PROPERTY	OBSERVED VALUE / DESCRIPTION
ROLL WEIGHT	50 lb (22 kg)
ROLL WIDTH	4 ft (1.2 m)
ROLL LENGTH	50 ft (15.2 m)

### D. APPLIED PRODUCT DATA\*\*:

COMPONENT	PROPERTY	OBSERVED VALUE / DESCRIPTION
CORE	COMPRESSIVE STRENGTH	ASTM D-1621 21,000 psf (1005 kNm <sup>2</sup> )
	THICKNESS	ASTM D-1777 0.40 in (10.2 mm)
	FLOW (HYDRAULIC GRADIENT =1)	ASTM D-4716 23 g/min/ft (286 L/min/m)
FABRIC	FLOW	ASTM D-4491 145 g/min/ft <sup>2</sup> (5907 l/min/m <sup>2</sup> )
	CBR PUNCTURE	ASTM D-6241 675 lb (3 kN)
	AOS	EOS 40 US Sieve (0.4 mm)
	GRAB TENSILE	ASTM D-4632 365x200 lb (1,624x890 kN)

\*\* For specific Safety and Health information please refer to the appropriate Safety Data Sheet that is associated with this product & published on Gaco.com.