

PARAGROW® INTENSIVE

Commercial Product Data Sheet



Paragrow Intensive is a growing medium for extensive vegetated roofs in multi-course construction. The material is a mixture of mineral light weight aggregates and premium organic components.

Contact Siplast for information on approved product uses.

USES: VEGETATED ASSEMBLIES

Particle Size Distribution	
Portion of Silting Components	≤ 20%
Density Measurements	
Bulk Density	Dry Weight Basis: 0.70 g/cm ³ – 0.85 g/cm ³ (44 lb/ft ³ – 53 lb/ft ³)
	Max. Water-Holding Capacity: 1.15 g/cm ³ – 1.35 g/cm ³ (72 lb/ft ³ – 85 lb/ft ³)
Water/Air Measurements	
Total Pore Volume	≥65%
Max. Water-Holding Capacity	45 – 65%
Air-Filled Porosity at Max Water-Holding Capacity	≥10%
Water Permeability	0.0005 cm/sec – 0.05 cm/sec (0.0118 in/min – 1.18 in/min)
pH and Salt Content	
Ph (in CaCl ₂)	6.0 – 8.5
Soluble Salts	Water Extract: < 2.5 g/L Gypsum Extract: < 1.5 g/L
Organic Measurements	
Organic Matter Content	< 90 g/L
Nutrients	
Phosphorus, P ₂ O ₅ (CAL)	≤ 200 mg/L
Potassium, K ₂ O (CAL)	≤ 700 mg/L
Magnesium, Mg (CaC12)	≤ 200 mg/L
Nitrate+Ammonium (CaC12)	≤ 80 mg/L

PRODUCT INFORMATION

Application

Refer to the applicable Siplast Technical Guide for detailed application information.

Storage and Handling

All Siplast roofing products should be stored on a clean, flat surface. All roofing products should be stored in a dry place out of direct exposure to the elements and kept away from excessive heat, fire or open flames.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Available in Bulk or Super Sacks.

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at www.siplast.com
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