SOPRANATURE® SOPRAFLOR AU

Engineered Growing Media for Urban Agriculture

PRODUCT DATA SHEET PDS10427 - REV 230606

APPLICATIONS

VEGETATED

PRODUCT NUMBERS:

Contact customer service for ordering information.

DESCRIPTION & FEATURES:

SOPRANATURE SOPRAFLOR AU is optimized for fertility, workability and longevity. The medium of choice for rooftop farms for the production of vegetables and herbs, it combines the characteristics of an excellent farm soil with the performance of a modern green roof medium.

SOIL PROFILE:

NUTRIENTS	PERCENTAGE
Total nitrogen	0.05%
Phosphorus (kg/ha)	842
Potassium (kg/ha)	3,617
Magnesium (kg/ha)	1,599
Calcium (kg/ha)	5,689
Sulfur (kg/ha)	1,626
Nitrate (ppm)	88
Zinc (ppm)	24.3
Manganese (ppm)	46
Iron (ppm)	168
Copper (ppm)	2.3
Boron (ppm)	1.9
Sodium (ppm)	385

APPLICATION:

Lay the **SOPRAFLOR AU** growing substrate and incorporate enrichment products if required. Spread the substrate evenly with a rake, water it until saturated, and compact it with a 250 lb to 270 lb lawn roller half-filled with water.

Refer to SOPREMA's published technical literature for additional details and application requirements.

STORAGE:

Media should be stored in a dry place, out of direct exposure to the elements. Media should be handled in such a manner as to ensure that is remains dry prior to installation.

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

TECHNICAL INFORMATION & TESTING:

PHYSICAL PROPERTIES	
PROPERTY	SOPRAFLOR AU
Vegetation	Herbs, vegetables and some fruit
Composition	Mineral aggregates, professional peat moss, vegetable compost and coconut fiber
Maximum water capacity, %	±27
Bulk density - dry, lb/ft³ (kg/m³)	56 (900)
Bulk density - field capacity, lb/ft³ (kg/m³)	71.5 (1,145)
Organic matter content, %	8
pH	7.0
Soluble salt, ms/cm	1.71

SOPREMA®