

SOPRANATURE® SOPRAFLOR X & I

Engineered growing media

DESCRIPTION

SOPRAFLOR X is a growing medium formulated for extensive non-irrigated and low-maintenance SOPRANATURE® systems. SOPRAFLOR X has a high percentage (70%) of mineral aggregates. This prevents the substrate from compacting in the long term, while improving air porosity and plant anchoring.

SOPRAFLOR I is a growing medium formulated for intensive and semi-intensive SOPRANATURE® green roofs and plaza deck/roof gardens. SOPRAFLOR I has a high percentage (55%) of mineral aggregates. This prevents the substrate from compacting in the long term, while improving air porosity and plant anchoring.



TECHNICAL CHARACTERISTICS

PROPERTIES	SOPRAFLOR X	SOPRAFLOR I
Vegetation	Sedums, dry prairie grasses, dry flower meadows and vegetation with low water needs.	Wild flower meadows, grasses, perennials, annuals, small shrubs and vegetation with medium to high water needs.
Composition	Mineral aggregates, professional peat, sand and compost from vegetable matter.	
Total Pore Volume	60 - 70 %	65 - 75 %
Air-filled Porosity	20 - 30 %	20 - 25 %
Maximum Water Capacity	30 - 40 %	40 - 50 %
Bulk Density; Dry	42 - 68 lb/ft ³	37 - 62 lb/ft ³
Bulk Density; Initial	59 - 65 lb/ft ³	47 - 53 lb/ft ³
Bulk Density; Field Capacity	72 - 78 lb/ft ³	62 - 69 lb/ft ³
Organic Matter Content	5 - 10 %	10 - 15 %
pH	6.0 - 7.0	6.0 - 6.5
Mineral Aggregate Content	70 %	55 %

* All values shown are nominal and subject to normal manufacturing tolerances.

STORAGE & HANDLING

SOPRAFLOR X & I 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 it remains dry prior to installation.