

# SOPRANATURE SOPRAFLOR X & I

TECHNICAL DATA SHEET 200323SCANE

(supersedes 190517SCANF)



VEGETATIVE SOLUTION

APPLICATIONS

ROOFS

PLAZA-DECKS

## DESCRIPTION

**SOPRAFLOR X** is a growing medium formulated according to the requirements and criteria of the German FLL for extensive non-irrigated and low maintenance **SOPRANATURE** systems.

**SOPRAFLOR I** is a growing medium formulated according to the requirements and criteria of the German FLL, for intensive and semi-intensive **SOPRANATURE** green roofs and roof gardens.

## INSTALLATION

Spread the growing medium **SOPRAFLOR X** or **I**, and incorporate conditioners if needed. Distribute evenly with a rake, water the medium to saturation and compact with a 250 - 270 lb lawn roller half filled with water.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

## PROPERTIES

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.	
Volumetric water retention	30 - 40 %	40 - 50 %
Air-filled porosity	20 - 30 %	20 - 25 %
Total porosity	60 - 70 %	65 - 75 %
Bulk density, dry	675 - 1100 kg/m <sup>3</sup> (42 - 68 lb/pi <sup>3</sup> )	600 - 1000 kg/m <sup>3</sup> (37 - 62 lb/pi <sup>3</sup> )
Bulk density, initial	950 - 1050 kg/m <sup>3</sup> (59 - 65 lb/pi <sup>3</sup> )	750 - 850 kg/m <sup>3</sup> (47 - 53 lb/pi <sup>3</sup> )
Bulk density, saturation at field capacity	1150 - 1250 kg/m <sup>3</sup> (72 - 78 lb/pi <sup>3</sup> )	1000 - 1100 kg/m <sup>3</sup> (62 - 69 lb/pi <sup>3</sup> )
Organic matter, dry base	5 - 10 %	10 - 15 %
pH	6.0 - 7.0	6.0 - 6.5
Mineral aggregates (Volume)	70 %	55 %

(All values are nominal)



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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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