

# SOPRANATURE MODULAR SYSTEM

TECHNICAL DATA SHEET 181018SCANE

(supersedes - )



VEGETATIVE SOLUTION

APPLICATIONS

ROOFS

PLAZA-DECKS

## DESCRIPTION

**SOPRANATURE MODULAR SYSTEM** is a pre-vegetated system composed of 100 % recycled High Density Polyethylene (HDPE) tray that contains an aggregate drainage layer, a filter fabric and a growing media in which a variation of sedum species are grown. The sedum species can be adapted to hardiness zones and local climate conditions.

**SOPRANATURE MODULAR SYSTEM** can be installed on **SOPRANATURE** green roofs, roof-gradens and plaza-decks.

## INSTALLATION

Line up the **SOPRANATURE MODULAR SYSTEMS** on the **SOPRABARRIER 20** root barrier, when installed on conventional roofs, or on the **SOPRAFILTRE** filter cloth when installed on protected membrane roofs. Water vegetation immediately after installation and consult maintenance guidelines for continued cares.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION AND RECOMMENDATIONS BASED ON HARDINESS ZONE AND CLIMATE CONDITIONS, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

## PACKAGING

Specifications	SOPRANATURE MODULAR SYSTEM	
Tray material	100 % recycled HDPE	
Filter cloth material	Non-woven polypropylene	
Dimensions of the tray	305 x 610 mm (1 x 2 ft)	
Height of the tray	102 mm (4 in)	152 mm (6 in)
Depth of water reservoir	30 mm (1.2 in)	
Water holding capacity	1.36 L (0.36 gal)	
Initial vegetation coverage	95%	
Filter cloth weight	100 g/m <sup>2</sup> (3 oz/ft <sup>2</sup> )	
Weight of empty tray	0.9 kg (2.0 lb)	

(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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## PROPERTIES

Properties	Normes	SOPRANATURE MODULAR SYSTEM
Maximal water retention capacity	-	5.5 L/m <sup>2</sup> (1.2 gal/ft <sup>2</sup> )
Wind resistance	CSA A123.24	32 m/s (72 mph)
With metal edges		37 m/s (82 mph)
With concrete curbs		
Dry weight	-	48.8 - 68.4 kg/m <sup>2</sup> (10 - 14 lb/ft <sup>2</sup> )
Saturated weight	-	87.9 - 122 kg/m <sup>2</sup> (18 - 25 lb/ft <sup>2</sup> )

(All values are nominal)

## STORAGE AND HANDLING

The SOPRANATURE MODULAR SYSTEM must be installed within 48 hours once product is received.



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