

SOPRANATURE® TOUNDRA BOX



APPLICATIONS

VEGETATED SOLUTIONS

PRODUCT DATA SHEET PD10424-REV.021821

DESCRIPTION:

SOPRANATURE's **TOUNDRA BOX** is a pre-vegetated modular tray system. It is composed of a box made of 100% recycled polypropylene and removable, recyclable white belts, containing a filter fabric and a growing medium in which a mix of sedum species is cultivated. The mix of sedums can be adapted according to the hardiness zone and climatic conditions. The TOUNDRA BOX system can be installed on SOPRANATURE green roofs, garden terraces, and plaza decks.

STORAGE & HANDLING:

The storage time of a pallet of stacked TOUNDRA BOX boxes should not exceed 48 hours. In the case of long-term storage, contact our SOPRANATURE Department to determine the precautions to consider. Store the TOUNDRA BOX out of direct sunlight in a ventilated place.

APPLICATION:

The TOUNDRA BOX boxes are installed with their white belts (removable upper part) left in place. The white belts are removed once the complete next row of boxes is installed and secured in place. The white belts can be recycled. The installation of the TOUNDRA BOX system must be immediately followed by saturation watering.

FOR FURTHER DETAILS ON PRODUCT INSTALLATION AS WELL AS RECOMMENDATIONS ON RUSTICITY ZONES AND CLIMATE ZONES, PLEASE CONSULT A SOPREMA REPRESENTATIVE.

PROPERTIES:

Properties	Toundra Box
Box material	100%-recycled polypropylene
Filter cloth material	Non-woven polypropylene
Box Dimensions, ft (mm)	1 x 2 (305 x 610)
Box Height - Upon Delivery, in (mm)	7.67 (195)
Box Height - After removing white belt, in (mm)	4.33 (110)
Water retention capacity, gal/ft2 (L/m2)	0.98 Gal/ ft2 (39.8)
Coverage of vegetation at Installation, %	>= 90
Saturated Weight, lb/ft2 (kg/m2)*	28.10 (137.19)

*Tested per ASTM E2398