



TECHNICAL DATA SHEET



SNTDRAIN GR 20/200 GREEN ROOF DRAINAGE SHEET

GENERAL INFORMATION AND USAGE AREAS

GR 20 is perforated HDPE drainage sheet with a water collection reservoirs used in Green Roof applications. It helps to remove the water vapor formed under the system, where the water necessary for the plants to survive is stored. The excess water will be drained trough the holes on the top.

The product is especially used on roofs where extensive (sparse) greening will be made.

PHYSICAL AND TECHNICAL PROPERTIES

RAW MATERIAL	HDPE (HIGH DENSITY POLYETHYLENE)
COLOUR	BLACK
DIMPLE HEIGHT	APPROX . 20 MM
ROLL DIMENSIONS	2,00 mt ($\pm 0,05$ mt) x 20,00 mt ($\pm 0,2$ mt)
COMPRESSIVE STRENGTH	Approx. 200 kN/m ²
WATER STORAGE CAPACITY	6,0 LT/M ²
DRAINAGE CAPACITY	10,6 l/s .m
SERVICE TEMPERATURE RANGE	-30, +80 °C
DURABILITY	Predicted to be durable for 5 years in natural soils with 4 <pH<9 and soil temperatures <25°C
OTHER PROPERTIES	Resistant to the chemicals and plant roots.Not harmful to the drinking water.Resistant to the acid, alkali, oil and solvents.

STORAGE INFORMATION

SNTDRAIN GR20/200 is stored in dry and cool place, in original packaging and protect from UV rays. Rolls must be transported, stored in up right positions. Pallets should not be placed on top of each other and it should be stored away from direct heat sources. It should be covered after laying.