



GENERAL DESCRIPTION

Moisture Retention Mat SSM 45 is composed of high-quality, recycled, non-rotting, poly-propylene fibers, stitched through a polyethylene sheet carrier.

BASIC USE

The SSM 45 Moisture Retention Mat is used in the Hydrotech Garden Roof® Assembly to retain moisture and nutrients for use by the vegetation layer.

TECHNICAL DATA

THICKNESS:	3/16 in. (≈200 mils)
SIZE:	6.6 ft. X 164 ft. (2m X 50m) - in rolls (1,026 sq.ft. effective coverage)
WEIGHT:	111 lb./roll (50 kg/roll) 0.2 lb./sq.ft. (1 kg./sq.m.) - dry; 1 lb./sq.ft. (5 kg./sq.m.) - wet
WATER RETENTION CAPACITY:	0.12 gal./sq.ft. (5 l./sq.m.)

INSTALLATION

- Moisture Retention Mat SSM 45 is to be rolled out over the root barrier or insulation/air layer.
- Adjacent sheets must be lapped a minimum of 4 inches.
- SSM 45 should be extended a minimum of 6 inches beyond the anticipated level of the soil. Excess can be trimmed down to the soil surface once the soil has been installed.
- As SSM 45 is installed loose-laid, temporary ballasting may be required prior to the installation of subsequent topping materials.