

# HYDRO-RETENTION - 22



## PRODUCT DESCRIPTION

Hydro-Retention - 22 is a non woven poly-propylene moisture retention matt. This moisture retention matt has non-rotting fibers and promotes good vegetation growth for vegetated roofing.

## PRODUCT NUMBERS AND COLORS

Standard Color is: Black

## PHYSICAL PROPERTIES

Description	Test Method	Results
Weight	ASTM D5261	22 / oz / sy
Grab Tensile	ASTM D4632	550 lbs
Grab Elongation	ASTM D4632	50 %
Trapezoid Tear	ASTM D4533	180 lbs
Puncture Strength	ASTM D4833	240 lbs
UV Resistance	ASTM D4355	85% @ 500 hr
Water Absorption	ASTM D570	3.0
Thickness	ASTM D5199	210 Mils
Water Flow Rate	ASTM D4491	40 gpm/ft <sup>2</sup>

## PACKAGING

Thickness	Roll/Width	Roll/Length
225 Mils	15'	150'

## INSTALLATION

Hydro-Retention - 22 is installed by factory trained contractors who have passed the installation guidelines set forth by the manufacturer. The water retention matt is laid out over the system root barrier or in the case of insulation use it is laid out over the insulation. Side and end laps must be overlapped a minimum of 4". Install horizontally and terminate a minimum of 6" above the soil. Install only as much water retention matt as can be covered with over burden daily.

## AVAILABILITY

Hydro-Retention - 22 is available from the manufacturer, vendors, or factory trained contractors.

## WARRANTY

Warranties are available upon successful installation and range in coverage. Contact the manufacturer for further information concerning warranties.

## MAINTENANCE

Hydro-Retention - 22 systems require no maintenance.

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit [www.hydro-gard.com](http://www.hydro-gard.com). HYDRO-GARD accepts no responsibility for the results obtained through application of this product. HYDRO-GARD reserves the right to update information without notice.

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