Nilex Straw Wattles shall be installed on slopes or in channels to intercept water flow and collect sediment on site.

Wattles are typically installed in a 5 - 7.5 cm (2” - 3”) deep trench that is constructed along the contour, perpendicular to the slope or direction of flow. Ends of the wattles shall be turned up the slope, so as to retain water and prevent it from flowing around the end of the wattle.

Wattles shall be secured to the subgrade by wooden stakes spaced every 0.9 - 1.2 m (3’ - 4’) lineal feet across the length of the wattle. Stakes 45.7 - 61 cm (18” - 24”) shall be driven through the center of the wattle and into the ground with approximately 5 cm (2”) projecting above the top of the wattle. A stake shall be placed within 5 - 15 cm (2” - 6”) of the end of the wattle. When joining two wattles, tightly abut both ends or overlap the wattles approximately 15 cm (6”).

When installing wattles in a channel bottom, the wattle installation shall extend up the side slope 0.9 m (3’) above the anticipated high water mark.

Project specifications should be reviewed for any unique installation requirements.

Disclaimer: Nilex straw wattles are a system for sediment control in channels and on slopes. Nilex believes that the information contained herein to be reliable and accurate for use in sediment control applications. However, since physical conditions vary from job site to job site and even within a given job site, Nilex makes no performance guarantees and assumes no obligation or liability for the reliability or accuracy of information contained herein, for the results, safety, or suitability of using wattles, or for damages occurring in connection with the installation of any erosion control product whether or not purchased by Nilex or its affiliates. These guidelines are subject to change without notice.