



Material Properties and Dimensions

Aspen Excelsior Logs™



Specifications

Western Excelsior manufactures Aspen Excelsior Logs in addition to a full line of Rolled Erosion Control Products (RECPs). Aspen Excelsior Logs are a Sediment Retention Fiber Roll (SRFR) consisting of a machine produced High Altitude Rocky Mountain Aspen Excelsior Matrix confined by a synthetic net to form a log of specific length and diameter. Aspen Excelsior Logs are designed to reduce hydraulic energy and filter sediment laden flow in channels and on slopes. The logs are flexible to conform to the soil surface and are secured by staking. Aspen Excelsior Sediment Logs can be ordered in custom lengths to meet specific job conditions.

Each Aspen Excelsior Log is made in the USA and manufactured under Western Excelsior's Quality Assurance Program to ensure a continuous distribution of fibers and consistent dimensions. Log dimensions are provided in Table 1 and product characteristics are provided in Table 2. Installation instructions and performance data are available from Western Excelsior's Technical Support Division.

Diameter	10 ft (3.0 m) Length	20 ft (6.0 m) Length	25 ft (7.6 m) Length
9 in (0.23 m)	25.0 lbs (11.3 kg) 2.5 lbs/ft (3.7 kg/m) 5.8 lbs/ft ³ (93.3 kg/m ³)	50.0 lbs (22.7 kg) 2.5 lbs/ft (3.7 kg/m) 5.7 lbs/ft ³ (92.2 kg/m ³)	62.5 lbs (28.4 kg) 2.5 lbs/ft (3.7 kg/m) 5.7 lbs/ft ³ (91.9 kg/m ³)
12 in (0.31 m)	30.0 lbs (13.6 kg) 3.0 lbs/ft (4.5 kg/m) 4.0 lbs/ft ³ (63.5 kg/m ³)	60.0 lbs (27.2 kg) 3.0 lbs/ft (4.5 kg/m) 3.9 lbs/ft ³ (62.5 kg/m ³)	75.0 lbs (34.0 kg) 3.0 lbs/ft (4.5 kg/m) 3.9 lbs/ft ³ (62.3 kg/m ³)
18 in (0.46 m)	50.0 lbs (22.7 kg) 5.0 lbs/ft (7.4 kg/m) 3.0 lbs/ft ³ (47.9 kg/m ³)	100.0 lbs (45.4 kg) 5.0 lbs/ft (7.4 kg/m) 2.9 lbs/ft ³ (46.7 kg/m ³)	125.0 lbs (56.7 kg) 5.0 lbs/ft (7.4 kg/m) 2.9 lbs/ft ³ (46.4 kg/m ³)
20 in (0.51 m)	50 lbs (22.7 kg) 5.0 lbs/ft (7.4 kg/m) 2.4 lbs/ft ³ (39.0 kg/m ³)	100.0 lbs (45.4 kg) 5.0 lbs/ft (7.4 kg/m) 2.4 lbs/ft ³ (37.9 kg/m ³)	125.0 lbs (56.7 kg) 5.0 lbs/ft (7.4 kg/m) 2.3 lbs/ft ³ (37.7 kg/m ³)

Fiber Composition	High Altitude Machine Curled Aspen Excelsior
Fiber Dimensions	80% Greater than 6 in.
Netting	0.50" x 0.50" Heavy Duty Synthetic
Configuration	Cylindrical with Closed Ends
End Closure	Hog Ring or Tied

*All values shown measured at the time of manufacture.

The information contained herein may represent product index data, performance ratings, bench scale testing or other material utility quantifications. Each representation may have unique utility and limitations. Every effort has been made to ensure accuracy, however, no warranty is claimed and no liability shall be assumed by Western Excelsior Corporation (WEC) or its affiliates regarding the completeness, accuracy or fitness of these values for any particular application or interpretation. While testing methods are provided for reference, values shown may be derived from interpolation or adjustment to be representative of intended use. For further information, please feel free to contact WEC.