

VMax Shear Stress Turf (SST) Specification

VMax Shear Stress Turf (SST) is a pre-vegetated geomat designed for use on spillways and watercourses as an alternative solution to rock armour and interlocking concrete systems.



VMax Shear Stress Turf C

Physical Specification

Size 20m x 2m

Weight approximately 20kg per m²

The reinforcement element of the turf consists of VMax C350 soil filled, seeded and grown outdoors as a turf for a minimum of 12 weeks at a nursery prior to being installed on site. (Refer to VMax C350 specification sheet)

Performance Specification

SST C can withstand flow velocities up to 6.0m/sec. Short duration (half hour flow event) 576 pascal or N/m². Long duration flows (50 hours) 480 pascal or N/m²

VMax Shear Stress Turf P

Physical Specification

Size 15m x 2m

Weight approximately 20kg per m²

Reinforcement element of the turf consists of VMax P550 soil filled, seeded and grown outdoors as a turf for a minimum of 12 weeks at a nursery. (Refer to VMax P550 specification sheet)

Performance Specification

SST P can withstand flow velocities up to 7.6m/sec. Short duration (half hour flow event) 672 pascal or N/m². Long duration flows (50 hours) 576 pascal or N/m²



All performance testing has been undertaken by an independent research facility. A performance failure is deemed to be if any vegetation is damaged or stripped out or any physical damage to the matting or if more than 1.27cm of soil is lost anywhere in the test plot.

CONTACT DETAILS

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