

Bank Soil Type	Maximum Velocity (m/s)	Bank Slope (H:V)	Minimum Required Mattress Thickness (mm)
Clays, Heavy Cohesive Soils	3.0	< 1:3	230
	4.0 - 4.9	< 1:2	300
	any	> 1:2	≥ 460
Silts, fine sands	3.0	< 1:2	300
Shingle with Gravel	4.9	< 1:3	230
	6.0	< 1:2	300
	any	> 1:2	≥ 460

CRITERIA FOR GABION THICKNESS

Figure 38-6CC