TENCATE Mirafi®

FHWA Selection Guide FP-14 Section 714
Geosynthetic Material

Table 714-1 Separation and Stabilization Geotextile and Geotextile Filter Requirements[1]		
SPECIFICATIONS	WOVEN	NONWOVEN
Class 1		
Type A	HP370	180N
Type B	HP370	180N
Type C		180N
Type D	HP370	180N
Type E		180N
Class 2		
Type A	FW404	160N
Type B	FW404	160N
Type C		160N
Type D	FW404	160N
Type E		160N

[1] Do not use woven slit film geotextile

Table 714-2 Paving Geotextile Requirements	
SPECIFICATIONS	Paving
	MPV600

Table 714-3 Geocomposite Drain Requirements	
SPECIFICATIONS	Sheet Drain
Type 1	G200NC

Table 714-4 Stabilization Geogrid Requirements	
SPECIFICATIONS	BIAXIAL GEOGRID
Stabilization	BXG120

Table 714-5 and 714-6 Reinforcement Geotextile & Geogrid Polymer Requirements[1]						
SPECIFICATIONS	Type I	Type II	Type III	Type IV	Type V	Type VI
	2XT[2]	3XT	5XT	5XT	7XT	8XT

[1]Based on RF_{cr} of 1.45 (NTPEP), RF_{id} of 1.1 (min) and RF_d of 1.15 (pH between 5-8). These are based on meeting the min. nominal Long Term [Design] Strength (T_{al}) outlined in Table 714-6. The T_{al} is the value typically used in design of reinforced structures. Sometimes an ultimate strength is incorrectly specified instead of or in addition to the T_{al}. If the ultimate strength in Table 714-6 is also required as part of the specification then the products for Type IV, V and VI are Miragrid® 7XT, 8XT, and 10XT respectively. [2] Does not meet Mass per Unit Area requirement as stated in Table 714-5.