SOLMAX

AASHTO M288-24 Selection Guide

		AASHTO M288-24 Survivability Class					
	Class 1A	**Class 1[1]**		**Class 2**		**Class 3**	
Application	**Woven** (elongation < 50%)	**Woven** (elongation < 50%)	**Nonwoven** (elongation > 50%)	**Woven** (elongation < 50%)	**Nonwoven** (elongation > 50%)	**Woven** (elongation < 50%)	**Nonwoven** (elongation > 50%)
Subsurface drainage							
% fines							
< 15%	**MIRAFI®** FW404 NTPEP Listed	**MIRAFI** FW404 NTPEP Listed	**MIRAFI** 180N NTPEP Listed	**MIRAFI** FW404 NTPEP Listed	**MIRAFI** 160N NTPEP Listed	**MIRAFI** FW402 NTPEP Listed	**MIRAFI** 140N NTPEP Listed
15% to 50%	N/A	N/A		**MIRAFI** FW700 NTPEP Listed		**MIRAFI** FW700 NTPEP Listed	
> 50%							
Separation		**MIRAFI** 600X **MIRAFI** FW404 NTPEP Listed	**MIRAFI** 180N NTPEP Listed	**MIRAFI** 550X **MIRAFI** 600X **MIRAFI** FW404 NTPEP Listed	**MIRAFI** 160N NTPEP Listed	**MIRAFI** 500X **MIRAFI** FW402 NTPEP Listed	**MIRAFI** 140N NTPEP Listed
Stabilization		**MIRAFI** 600X **MIRAFI** FW404 NTPEP Listed	**MIRAFI** 180N NTPEP Listed	**MIRAFI** 550X **MIRAFI** 600X **MIRAFI** FW404 NTPEP Listed	**MIRAFI** 160N NTPEP Listed	**MIRAFI** 500X **MIRAFI** FW402 NTPEP Listed	**MIRAFI** 140N NTPEP Listed
Permanent erosion control							
% fines							
< 15%		**MIRAFI** FW404 NTPEP Listed	**MIRAFI** 180N NTPEP Listed	**MIRAFI** FW404 NTPEP Listed	**MIRAFI** 160N NTPEP Listed	**MIRAFI** FW404 NTPEP Listed	**MIRAFI** 140N NTPEP Listed
15% to 50%		N/A		**MIRAFI** FW700 NTPEP Listed		**MIRAFI** FW700 NTPEP Listed	
> 50%							
Sediment control fabrics		**Supported silt fence**		**Self supported**			
		Woven	**Nonwoven**	**Woven**	**Nonwoven**		
				(elongation < 50%)	(elongation > 50%)		
		N/A	**MIRAFI** 140NL NTPEP Listed	N/A	**MIRAFI** 140NL NTPEP Listed		
Subgrade stabilization		**4A**	**4B**	**4C**	**4D**		
		Woven	**Geogrid**	**Geogrid**	**Geogrid**		
		MIRAFI HP570 **MIRAFI** RS580*i* **MIRAFI** H2R*i* NTPEP Listed	**MIRAGRID®** BXG300	**MIRAGRID** BXG120	**MIRAGRID** BXG110		

Default geotextile selection for subsurface drainage.
The engineer may specify a Class 3 geotextile from Table 1 in M288 (see note b in specification).

Default geotextile selection for Stabilization. The engineer may specify a Class 2 or 3 geotextile from Table 1 in M288 (see note 1 and 2 in specification).
Solmax recommends considering Class 4A Geotextile for soft ground stabilization.

Default Class 2 with armor layer less than 100 kg and drop height < 1 m (from Table 6 in M288).

Required geotextile class is 4A (Class 4B is default for geogrid).

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