

FUNCTIONS

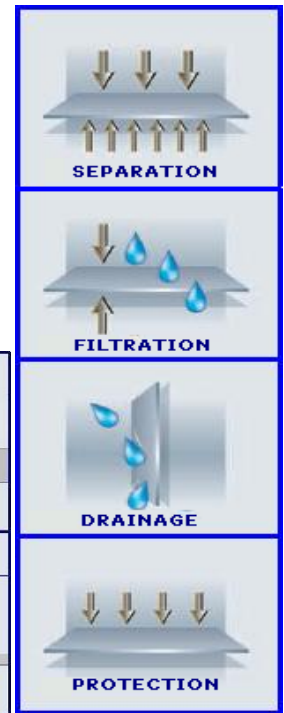
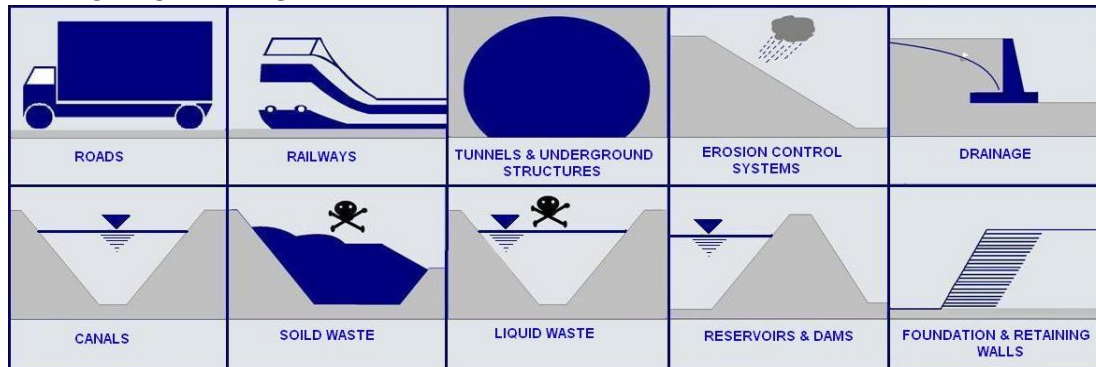
ALYAF XS30

Product Data Sheet -

XS RANGE

ALYAF XS30 is a nonwoven geotextile made from staple fibers mechanically bonded by a needle punching and thermally bonded process to produce a dimensionally stable network. The fibers used are 100% polypropylene ultra-violet stabilized. ALYAF geotextiles are manufactured according quality system procedures certified under EN ISO 9001:2008.

APPLICATION AREAS:



Properties	Test Method	Unit	Value
Tensile Strength CD	EN ISO 10319	kN/m	17
Tensile Strength MD	EN ISO 10319	kN/m	17
Elongation at break CD / MD	EN ISO 10319	%	50 / 45
CBR Puncture	EN ISO 12236	N	2800
Dynamic Puncture	EN ISO 13433	mm	19
Permeability	EN ISO 11058	$10^{-3}ms^{-1}$	75
Flow rate normal to the plane	EN ISO 11058	$l/m^2/sec$	75
Opening Size (O ₉₀)	EN ISO 12956	microns	75
Thickness under 2kPa	EN ISO 9863-1	mm	1.55
Mass Per Unit Area	EN ISO 9864	g/m^2	200
Roll width	Nominal	m	6
Roll length	Nominal	m	100

Notes:

- ▶ ALYAF geotextiles are non-biodegradable, have excellent resistance to chemicals and salts normally present in the soil.
- ▶ ALYAF geotextiles have excellent UV resistance and exhibit strength retention of 70% on test for weathering resistance to EN 12224.
- ▶ Values reported in this data sheet are the average results obtained in our laboratory and Independent testing institutions and are subject to manufacturing tolerances.
- ▶ The property values listed above are effective September 2014
- ▶ Engineered grades to meet specific project requirements are available upon request.
- ▶ Properties optimization and practical experience can make revisions necessary, the right is reserved to make changes without prior notice.

Corporate Member



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Certified Quality Management



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