

ALYAF A163

Engineered nonwovens for cold applied waterproofing industry

ALYAF TS range of nonwoven fabrics are made from 100% polyester staple fibers, mechanically bonded by a needle punching process and then thermally set to produce a dimensionally stable network.

ALYAF TS fabrics are used as carrier for in-situ spread waterproofing emulsions. ALYAF TS Fabrics can provide reinforcement when embedded between coats of acrylic / PU based liquid applied waterproofing membrane. When used as part of the system, the fabric offers strong support against substrate or crack movement protecting the membrane from rupture. It is ideal for use over wall to floor and wall to wall inclusions, crack repairs or joints prone to flexure or vibration. When using the ALYAF TS Fabric reinforcement, embed the fabric into the first coat of the waterproofing liquid whilst it is still wet. And then the second coat is applied over the top of the first coat.

Properties	Test Method	Unit	Value
Tensile Strength (CD)	EN ISO 10319	kN/m	2.0
Tensile Strength (MD)	EN ISO 10319	kN/m	1.8
Elongation at break (CD / MD)	EN ISO 10319	%	40
Mullen Burst Strength	ASTM D 3786	kPa	60
Thickness under 2kPa	EN ISO 9863-1	mm	0.4
Mass Per Unit Area	EN ISO 9864	g/m ²	60
Roll Dimensions (width x length)		m	1 x 300

Notes:

- ▶ **ALYAF** geotextiles are non-biodegradable, have excellent resistance to chemicals and salts normally present in the soil and are unaffected by prolonged contact with hydrocarbon such as gasoline and diesel.
- ▶ 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 December 2017
- ▶ ALYAF cannot accept responsibility for the performance of the material as the conditions of use are beyond our control.
- ▶ 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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