



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Bangladesh Research & Testing Laboratory Ltd.

**Ahmed Tower, 20th Floor, 28-30, Kemal Ataturk Avenue
Banani, Dhaka-1213, Bangladesh**

This is to certify that this

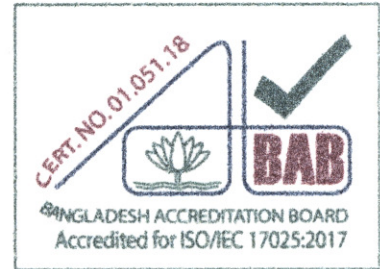
Testing Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : **01.051.18**
Accreditation Date : **17 September 2018**
Date of Issuance : **19 January 2022**
Date of Expiration : **16 September 2024**




Md. Monwarul Islam
Director General

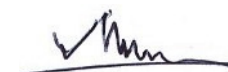
This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific
scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address:	Bangladesh Research & Testing Laboratory Ltd.		
Accreditation Standard:	ISO/IEC 17025:2017	Accreditation Date:	17 September 2018
Certificate Number:	01.051.18	Issued on:	19 January 2022
Last Amended on:	-	Valid until:	16 September 2024
Amendment no:	-		

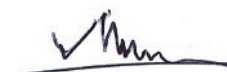
S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
1	Geo-Textile and geo-technical product	Determination of mass per unit area	BS EN ISO-9864:2005	± 0.001g to 620g
2	Geo-Textile and geo-technical product	Determination of thickness at 2kpa specified pressures.	BS EN ISO-9863-1:2005	±0.01mm to 25mm
3	Geo-Textile and geo-technical product	Wide-width tensile test	BS EN ISO-10319:2015	±0.02 N to 50KN
4	Geo-Textile and geo-technical product	Static puncture test (CBR test).	BS EN ISO-12236:2006	±0.02 N to 50KN
5	Geo-Textile and geo-technical product	Determination of water permeability test	BS EN ISO-11058:2010	N/A
6	Geo-Textile and geo-technical product	Tensile test for joints/ seams by wide-width strip method	BS EN ISO-10321:2008	±0.02 N to 50KN
7	Geo-Textile and geo-technical product	Grab Breaking load and Elongation	ASTM D 4632-08	±0.02 N to 50KN
8	Geo-Textile and geo-technical product	Deterioration of Geotextiles by Exposure to Light, Moisture and Heat in a Xenon Arc Type	ASTM D 4355-14	N/A
9	Geo-Textile and geo-technical product	Trapezoidal tear strength test	ASTM D4533-04	0.02N to 50KN
10	Geo-Textile and geo-technical product	Determination of Abrasion resistance under wet condition for hydraulic application	ISO/TC 221/SC N (ISO/WD:2016 E) & BAW	N/A
11	Geo-Textile and geo-technical product	Determination of the characteristic opening size (wet sieving)	BS EN ISO-12956:2010	25 µm to 250 µm



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12	Geo-Textile and geo-technical product	Determining Apparent Opening Size of a Geotextile	ASTM D4751-12	75 μ m to 250 μ m
13	Geo-Textile and geo-technical product	Screening test method for determining the resistance of geotextiles and geotextile- related products to oxidation	ISO 13438:2018	N/A
14	Geo-Textile and geo-technical product	Determination of a Polymeric Light Stabiliser (Chimassorb 944*) in Polypropylene (UV Spectroscopy test)	Freitag Method 1983	\pm 1 nm to 3600+ nm
15	Geo-Textile and geo-technical product	Determination of tensile strength and elongation	BS EN 29073-3-1992	\pm 0.02N to 50KN
16	Geo-Textile and geo-technical product	Tensile properties of geotextiles by the wide-width strip	ASTM D4595-09	\pm 0.02N to 50KN
17	Geo-Textile and geo-technical product	Standard test method for Breaking Force and Elongation of Textile Fabrics (Strip Method)	(Strip Method) ASTM D5035-11	\pm 0.02N to 50KN
18	Geo-Textile and geo-technical product	Test Method for Index Puncture Resistance	ASTM D4833-07	\pm 0.02N to 50KN
19	Geo-Textile and geo-technical product	Test Method for Hydraulic Bursting Strength	ASTM D3786-01	\pm 0.02N to 50KN
20	Geo-Textile and geo-technical product	Determination of water permeability/permittivity test	ASTM D4491-20	N/A

END



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