



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 : **04 December 2024(2nd Renewal)**
Date of Expiration : **16 September 2027**




Md. Ahwarul Alam
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.

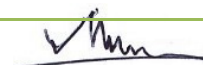
SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: Bangladesh Research & Testing Laboratory Ltd.
Accreditation Standard: ISO/IEC 17025:2017
Certificate Number: 01.051.18
Last Amended on: -
Amendment no: -

Accreditation Date: 17 September 2018
Issued on: 04 December 2024
Valid until: 16 September 2027

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Geo-Textile				
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-9863-1:2016	±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-11058:2019	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 4632-15A	±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 4355-21	N/A
9.	Geo-Textile and geo-technical product	Trapezoidal tear strength test	ASTM D4533-15	0.02N to 50KN
10.	Geo-Textile and geo-technical product	Determination of Abrasion resistance under wet condition for hydraulic application	ISO 22182:2020 & BAW	N/A
11.	Geo-Textile and geo-technical product	Determination of the characteristic opening size (wet sieving)	BS EN ISO-12956:2019	25 µm to 250 µm
12.	Geo-Textile and geo-technical	Determining Apparent Opening Size of a Geotextile	ASTM D4751-21A	75 µm to 250 µm



Quality Manager

SCOPE OF ACCREDITATION

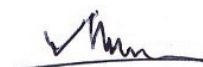
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	product			
13.	Geo-Textile and geo-technical product	Screening test method for determining the resistance of geotextiles and geotextile- related products to oxidation	ISO 13438:2018	N/A
14.	Geo-Textile and geo-technical product	Determination of a Polymeric Light Stabiliser (Chimassorb 944*) in Polypropylene (UV Spectroscopy test)	W. Freitag Method 1983	±1 nm to 3600+ nm
15.	Geo-Textile and geo-technical product	Tensile properties of geotextiles by the wide-width strip	ASTM D4595-17	±0.02N to 50KN
16.	Geo-Textile and geo-technical product	Test Method for Index Puncture Resistance	ASTM D4833-07 (2020)	±0.02N to 50KN
17.	Geo-Textile and geo-technical product	Test Method for Hydraulic Bursting Strength	ASTM D3786-18	±0.02N to 50KN
18.	Geo-Textile and geo-technical product	Determination of water permeability/permittivity test	ASTM D4491-20	N/A

END



Quality Manager