GLOBAL ACCEPTANCE

BAB

BANGLADESH ACCREDITATION BOARD

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**

CERT. NO. 01.051.18

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BANGLADESH ACCREDITATION BOARD
Accredited for ISO/IEC 17025:2017

GLOBAL BAB ACCREDITED ACCEPTANCE

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.

BANGLADESH ACCREDITATION BOARD (BAB)

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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:**	04 December 2024
Last Amended on:	-	**Valid until:**	16 September 2027
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
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

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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
	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