



# 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

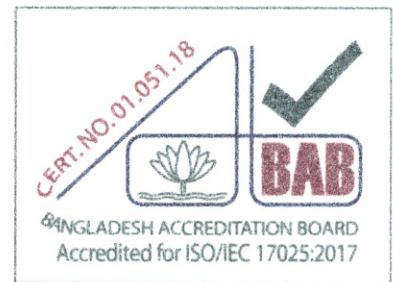
## **Testing Laboratory**

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 March 2020**  
Date of Expiration : **16 September 2021**



**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.

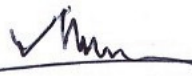
## SCOPE OF ACCREDITATION

(For Testing Laboratory)

<b>CAB Name &amp; Address:</b>	<b>Bangladesh Research &amp; Testing Laboratory Ltd.</b>	<b>Accreditation Date:</b>	<b>17 September 2018</b>
<b>Accreditation Standard:</b>	<b>ISO/IEC 17025:2017</b>	<b>Issued on:</b>	<b>19 March 2020</b>
<b>Certificate Number:</b>	<b>01.051.18</b>	<b>Valid until:</b>	<b>16 September 2021</b>
<b>Last Amended on:</b>	<b>19 March 2020</b>		
<b>Amendment no:</b>	<b>01</b>		

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	±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	N/A
9	Geo-textile and geo-technical product	Trapezoidal tear strength test	ASTM D4533	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/WI:2016 E)	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
12	Geo-textile and geo-technical product	Determining Apparent Opening Size of a Geotextile	ASTM D4751	75 µm to 250 µm
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

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Quality Manager