



Bangladesh Accreditation Board (BAB)

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Certificate of Accreditation

This is to certify that

Bangladesh Material Testing Laboratory Ltd.

House # 2A, Road # 02, Nikunja # 01

Khilkhet, Dhaka-1229, Bangladesh.

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This Testing Laboratory having met the requirements of ISO/IEC 17025:2005 and the BAB, is accredited for Construction Materials Testing as described in the associated Scope of Accreditation.



Certificate Number : 01.023.15

Issued on : 26 December 2017

Accreditation Date : 02 June 2015

Valid until : 01 June 2018

Md. Monwarul Islam

Director General

Bangladesh Accreditation Board (BAB)

This certificate has been issued under the authority of Bangladesh Accreditation Act, 2006 and must be returned on request; reproduction must follow guidelines in place at date of issue. For the specific scopes to which this accreditation applies, please refer to the directory of accredited CABs at <http://www.bab.org.bd/directory-of-accredited-cabs>

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: Bangladesh Material Testing Laboratory (BMTL) Ltd.
House # 2A, Road # 02, Nikunja # 01, Khilkhet, Dhaka -1229, Bangladesh

Accreditation Standard:	ISO/IEC 17025:2005	Accreditation Date:	02 June 2015
Certificate Number:	01.023.15	Issued on:	26 Dec 2017
Last Amended on:	26 Dec 2017	Valid until:	01 June 2018
Amendment no:	02		

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Mechanical Testing				
1	Geotextile/ Geosynthetics	Mass per unit area	ISO 9864:2008	10 – 2000 g/m ²
2	Geotextile/ Geosynthetics	Thickness under specified pressure	ISO 9863-1:2008	0.1mm – 10mm
3	Geotextile/ Geosynthetics	Tensile Strength and Elongation	ISO 10319:2015	0.01-250 kN/m
4	Geotextile/ Geosynthetics	CBR puncture resistance	ISO 12236:2008	2-50000N
5	Geotextile/ Geosynthetics	Water permeability in plane without load	ISO 11058:2015	0-400mm head difference
6	Geotextile/ Geosynthetics	Characteristics opening size	ISO 12956:2008	40 - 300µm
7	Geotextile/ Geosynthetics	UV Resistance weathering Method	EN 12224:2000	0 – 100%
8	Geotextile/ Geosynthetics	UV Resistance Test Xenon Arc Method	ASTM D 4533:2014	0-100%
9	Geotextile/ Geosynthetics	Abrasion resistance	BAW guideline	0 – 100%
10	Geotextile/ Geosynthetics	Seam strength test	ISO 10321:2008	2-50000N
11	Geotextile/ Geosynthetics	Grab test	ASTM D 4632:2015	2-50000N
12	Geotextile/ Geosynthetics	Narrow strip test	EN 29073:1992	2-50000N
13	Geotextile/ Geosynthetics	Index Puncture Resistance	ASTM D 4833:2007	2-50000N
14	Geotextile/ Geosynthetics	Characteristics opening size	ASTM D 4751	40 - 300µm
Field: Chemical Testing				
01	Geotextile/ Geosynthetics	Determination of polymeric light stabilizer in Polypropylene	W. Freitag Method, 1983	200-700 nm

END



Quality Manager