



## Bangladesh Accreditation Board (BAB)

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# Certificate of Accreditation

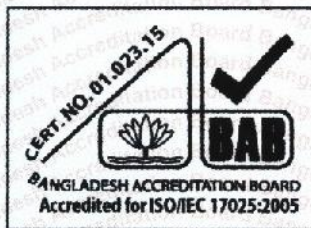
This is to certify that

**Bangladesh Material Testing Laboratory Ltd.**

**Mastul, Talna, 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 : 21 August 2016**

**Accreditation Date : 02 June 2015**

**Valid until : 01 June 2018**

**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 Ltd  
 Mastul, Talna, Khilkhet, Dhaka-1229, Bangladesh

<b>Accreditation Standard:</b>	ISO/IEC 17025:2005	<b>Accreditation Date:</b>	2 June 2015
<b>Certificate Number:</b>	0.023.15	<b>Issued on:</b>	21 August 2016
<b>Last Amended on:</b>	21 August 2016	<b>Valid until:</b>	01 June 2018
<b>Amendment no:</b>	01		

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Physical &amp; Mechanical Testing</b>				
01	Geotextile/ Geosynthetics	Determination of Mass Per unit Area	ISO 9864:2008	10 – 2000 g/m <sup>2</sup>
02	Geotextile/ Geosynthetics	Thickness Under Specified Pressure	ISO 9863-1:2008	0.1mm – 10mm
03	Geotextile/ Geosynthetics	Tensile Strength and Elongation (Wide Width Strip Test)	ISO 10319:2015	0.01-250 kN/m
04	Geotextile/ Geosynthetics	CBR Puncture Resistance	ISO 12236:2008	200-50000N
05	Geotextile/ Geosynthetics	Water Permeability in Plane without Load	ISO 11058:2010	0-400mm head difference
06	Geotextile/ Geosynthetics	Characteristics Opening Size (O90)	ISO 12956:2008	40 - 300µm
07	Geotextile/ Geosynthetics	Tensile Strength and Elongation (Wide Width Strip Test)	ASTM D 4595:2011	0.01-250 kN/m
08	Geotextile/ Geosynthetics	Seam strength test	ISO 10321:2008	200-50000N
09	Geotextile/ Geosynthetics	Abrasion Resistance	BAW Guideline, RPG 1994	0-100%
10	Geotextile/ Geosynthetics	UV Resistance Test Xenon Arc Method	ASTM D 4533:2014	0-100%



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
11	Geotextile/ Geosynthetics	UV Resistance weathering Method	EN 12224:2000	0-100%
12	Geotextile/ Geosynthetics	Grab test	ASTM D 4632:2015	200-50000N
13	Geotextile/ Geosynthetics	Narrow strip test	EN 29073:1992	200-50000N
14	Geotextile/ Geosynthetics	Index Puncture Resistance	ASTM D 4833:2007	200-50000N

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Quality Manager