

ANALYSIS REPORT
SCC Accreditation No.: 40

Mr Alessandro Picedi
Mondo America

Date: July 20, 2007
 Report: S829-006-20851A

IDENTIFICATION: Drainage pad: FTS K55S
 Received: April 30, 2007; PO#: H000041

STANDARD:


TEST: (In-plane) Flow Rate per Unit Width and Hydraulic Transmissivity of a Geos. Using a Constant Head ASTM D4716 - 04

TEST CONDITIONS: 2 test specimens in machine direction (MD);
 Temperature of the water (°C): 20
 The test specimens were taken at less than one third of the edge ;
 Installation of the specimen: between 2 rigids layer ;
 Width of the test specimen (mm): 305
 Length of the test specimen (mm): 305
 Tested le 4 avril 2007


RESULTS:	Individual Data		Avg.	S.D.	% CV	Spec.
Hydraulic Gradient:	0.01					
Normal Compressive Stress:	25 kPa					
Transmissivity (E-05 m ² /s):	350.0	460.0	405.0	77.8	19.2	
Flow Rate (l/min/m) :	2.10	2.74	2.42	0.45	18.7	
Hydraulic Gradient:	0.1					
Normal Compressive Stress:	25 kPa					
Transmissivity (E-05 m ² /s):	170.0	210.0	190.0	28.3	14.9	
Flow Rate (l/min/m) :	10.45	12.46	11.46	1.42	12.4	

REMARKS: Two grooves were located in the test area. Distance between the grooves: 135 mm.

Prepared by:


 Maxime Côté,
 Technician

Approved by:


 Éric Blond, Eng., M.Sc.A. Date: July 20, 2007
 Vice-President

****For any information concerning this report, please contact Éric Blond****

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