

ANALYSIS REPORT
SCC Accreditation No.: 40‡

Mr Dave Martin

Date: December 19, 2016

Quantum Group of Companies

Report: S1277-022-93104A

IDENTIFICATION: Membrane bitumineuse: -10C, -20C, -30C, -40C
 Received: October 27, 2016

STANDARD:

TEST: Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products ASTM D4226-16

TEST CONDITIONS: Conditioned sample(s) at $23 \pm 2^\circ\text{C}$ and $50 \pm 5\%$ R.H. for a minimum of 40 hours
 Apparatus used: Gardner Impact Tester;
 Procedure used: A
 Impactor head configuration: H-25
 Falling weight: 2 lbs
 Dimension of the test specimens (mm x mm): 80 x 80
 Average thickness (mm): 5.16
 Tested November 10, 2016

RESULTS: Individual Data**-10C**

Number of test specimens:	23
Number of brittle failures:	13
Number of ductible breaks:	0
Mean failure energy, MFE (J):	0.20
Standard deviation, MFE (J):	0.10

-20C

Number of test specimens:	20
Number of brittle failures:	10
Number of ductible breaks:	0
Mean failure energy, MFE (J):	0.30
Standard deviation, MFE (J):	0.10

Prepared by:

Nancy Désautels
 Nancy Désautels,
 Technician

Approved by: Amir Ershad Fanaei

[Signature]
 For: Eric Blond, Eng., M.Sc.A.
 Vice-President

Date: December 19, 2016

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

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RESULTS (CONT): Individual Data

-30C

Number of test specimens:	22
Number of brittle failures:	12
Number of ductible breaks:	0
Mean failure energy, MFE (J):	0.10
Standard deviation, MFE (J):	0.10

-40C

Number of test specimens:	20
Number of brittle failures:	10
Number of ductible breaks:	0
Mean failure energy, MFE (J):	0.30
Standard deviation, MFE (J):	0.10

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 Technician

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