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**EVALUATION OF “Tecnocoat P-2049” MATERIAL
FOR CRACK BRIDGING PERFORMANCE
IN ACCORDANCE WITH ASTM C1305/C1305M - 16**

A Report to:

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18-06-P0032-B
3 Pages, 1 Appendix

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1.0 INTRODUCTION

At the request of *Tecnopol*, Exova was retained to evaluate a membrane material applied on specified concrete blocks for crack bridging testing performance in accordance with ASTM C1305 / C1305M-16.

Upon receipt, the sample was assigned the following Exova Sample Number:

| Client Sample Identification | Exova Sample No. |
|--|------------------|
| Tecnocoat P-2049 – grey colored membrane | 18-06-P0032-B |

2.0 PROCEDURE

The sample was tested as below:

| Test Description | Test Method |
|--|------------------------|
| Standard Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane | ASTM C1305/ C1305 M-16 |

No. of Specimens: 5

Equipment: Applied Testing System, Inc. Series 520 Sealing Compound Tester, MII# A15025

Thermocouple, MII# B10864
Environmental controller, MII# B14974
Environment chamber, PVLAB 34970A

Pre Conditioning: 23 ± 2°C; 50 ± 2% Relative Humidity, 14 days
Pre Conditioning: 70°C for 7 days
Test Temperature: -26 °C ± 2°C

Test Cycles: 10 cycles
Rate: Extension or compression of the two cement supports at a rate 3.2 mm/h

Test duration: 10 cycles in 24 hours

Test Date: 2018-03-13 to 2018-03-15

3.0 RESULTS

A summary of results is presented below in Table 1. In all cases, SI units are the primary units of measure.

| Table 1 – Crack Bridging Test ASTM C1305/C1305M -16 Exova Sample No.: 18-06-P0032-B | | | | |
|--|----------------------------|--------------------|---|--------------------------|
| Sample ID | Number of Exposed Specimen | Test parameters | Observation | Comments |
| B | 5 | 10 cycles at -26°C | Observed after completion of test cycles for visible cracking, blistering, pinhole or other defects | No cracking Passed (5/5) |

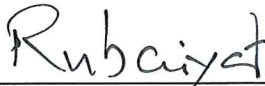
4.0 CONCLUSIONS

The "Tecnocoat P2049" material submitted by *Tecnopol* for Crack Bridging Ability performance evaluation meets the "Pass" criterion when tested in accordance with ASTM C1305/C1305M-16.

5.0 REPORT REVISION SUMMARY

| <u>Revision No.:</u> | <u>Date:</u> | <u>Description of Revisions</u> |
|----------------------|--------------|----------------------------------|
| Original | 2018-03-21 | Original document |
| RV1 | 2018-04-02 | Individual test report, sample B |

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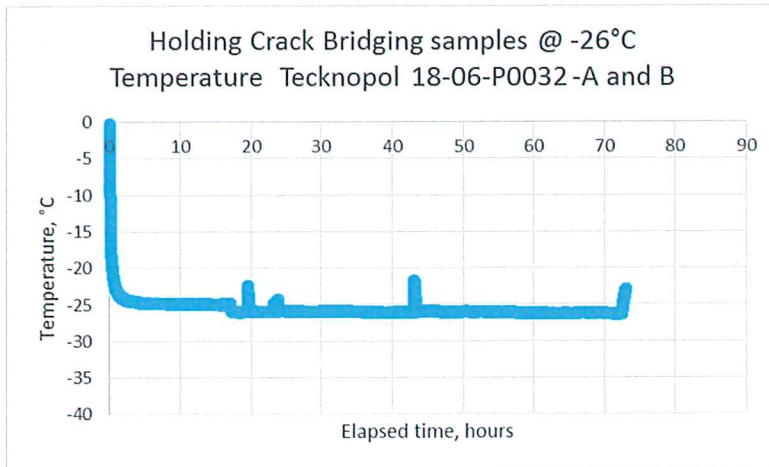
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Appendix A

Photos of testing & Temperature record
(1 page)



After 10 cycles Tecnocoat P-2049 – no crack



Holding Temperature @-26°C; Started from 2018-03-13