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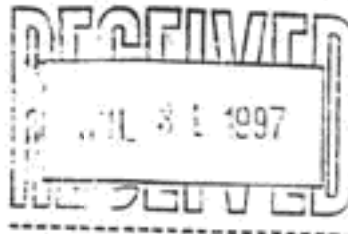
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Accredited by National Institute of Standards and Technology—No. 0252
Accepted by Canadian General Standards Board—No. 76005
ISO/IEC 25 Approved

February 14, 1994

PolySat Incorporated
7240 State Road
Philadelphia, PA 19135



Att: Mr. Darryl Manuel

DL-9785A

OBJECTIVE

To test a textured coating for conformance to Federal Specification TT-C-555B Coating, Textured (For Interior and Exterior Masonry Surfaces), Type II, for Exterior Application.

PRODUCT

The textured coating was submitted by PolySat and labeled as follows:

Envicolor Tex Gray - 11/24/93
SR#1371, Lab#381A12

TEST METHODS

The coating was tested in accordance with the test methods outlined in Federal Specification TT-C-555B, and Amendment-1, "Coating, Textured (For Interior and Exterior Masonry Surfaces).

TEST RESULTS

The test results can be found in the Appendix.



CONCLUSION

The submitted sample of PolySat Inc., Envicolor Tex Gray SR#1371, Lab#381A12, conforms to the requirements of Federal Specification TT-C-555B, Type II & Amendment-1, "Coating, Textured (For Interior and Exterior Masonry Surfaces)", to the extent tested.

D/L Laboratories

A handwritten signature in cursive script, appearing to read 'Mario Lazaro Jr.'.

Mario Lazaro Jr.
Group Leader

A handwritten signature in cursive script, appearing to read 'Thomas J. Sliva'.

Thomas J. Sliva
Assistant Technical
Director

CW



APPENDIX

TEST RESULTS

| | | <u>RESULT</u> |
|-----|--|---|
| 2 | <u>Qualitative Requirements for Type I and II Coatings</u> | |
| 2.1 | Condition in Container No mold growth, skinning, livering or hard settling Readily dispersable, brushable and have a sprayable consistency | <u>Conforms</u> <u>Satisfactory</u> |
| 2.3 | Appearance, drying time and resistance to sagging Shall be dry, firm and uniformly textured No sagging, running, wrinkling or other defects | <u>Conforms</u> <u>Conforms</u> |
| 2.4 | Flexibility No cracking, chipping, flaking after bending on 1-inch mandrel | <u>Conforms</u> |
| 2.5 | Impact Resistance Shall resist rapid deformation greater than 6-inch/pounds | <u>Conforms</u> |
| 3 | <u>Qualitative Requirements for Type II Coating Only</u> | |
| 3.1 | Moisture Resistance No blistering, discoloration or loss of adhesion to masonry | <u>Conforms</u> |
| 3.2 | Accelerated Weathering No checking, cracking, loss of film integrity Chalk resistance, no less than 8 Lightness index difference not greater than 2 | <u>Conforms</u> <u>9</u> <u>1.1</u> |
| 3.3 | Resistance to wind driven rain Shall be resistant to the passage of water No water leaks, the gain in weight shall be less than 0.2 pounds | <u>Conforms</u> <u>None</u> |

Quantitative Requirements for Type I and II Coatings

Table 1. Quantitative Requirements of the Coating

| <u>Characteristics</u> | <u>Requirement</u> | |
|--|--------------------|---------------|
| Total solids, percent by weight of paint | 60 min. | <u>69.0</u> |
| Non-volatile vehicle, percent by weight of vehicle | 35 min. | <u>44.9</u> |
| Permeance, metric perms | 0.4 min. | <u>1.5</u> |
| Dry opacity, contrast ratio at 50 ft ² /gallon | 0.99 min. | <u>0.994</u> |
| Lead (metal), percent by weight of total non-volatile matter | 0.5 max. | <u>0.0013</u> |