



NEMO|etc.

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ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Polyglass USA, Inc.

1111 West Newport Center Drive
Deerfield Beach, FL 33442
(954) 233-1230

PEER-PLYG-004.A.R25

FL10291-R25

Date of Issuance: 02/12/2008

Revision 25: 10/22/2025

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the **8th Edition (2023) Florida Building Code** [sections noted herein](#).

DESCRIPTION: Polyglass Cements, Adhesives and Coatings

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 14.

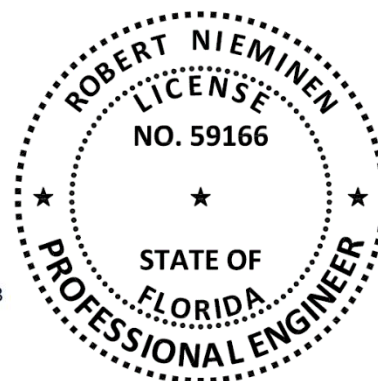
Prepared by:

Digitally signed by
Robert Nieminen
Date: 2025.10.22
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This item has been digitally signed and sealed by Robert Nieminen, P.E.

Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.

Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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ROOFING COMPONENT EVALUATION:
1. SCOPE:

Product Category: Roofing
Sub-Category: Cements – Adhesives - Coatings
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: Polyglass Cements, Adhesives and Coatings, as produced by [Polyglass USA, Inc.](#), have demonstrated compliance with the following sections of the **8th Edition (2023) Florida Building Code** through testing in accordance with the Standards set forth herein. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD
104.11	Alternate materials	N/A
1507.15	Material standard	ASTM C836
1507.10.2, 1514.2.3.1, 1517.6.2.4, 1519.6, 1521.6, 1521.14.1, R905.9.2, R905.11.2, TAS 110	Material standard	ASTM D41
1507.10.2, R905.11.2 TAS 110	Material standard	ASTM D1227
1507.10.2, R905.9.2, R905.11.2, TAS 110	Material standard	ASTM D2824
1507.10.2, R905.9.2, R905.11.2, TAS 110	Material standard	ASTM D3019
1507.10.2, R905.9.2, TAS 110	Material standard	ASTM D4479
1507.10.2, R905.9.2, TAS 110	Material standard	ASTM D4586
1507.10.2, 1507.14.3, 1509.2, R905.9.2, R905.11.2, R905.14.3, TAS 110	Material standard	ASTM D6083
1507.14.3, 1509.2, R905.14.3, R905.15.2, TAS 110	Material standard	ASTM D6694
1504.6	Physical Properties	ASTM G154

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
NEMO (TST 6049)	M-D 13-1362	4S-SOP-18-002.02.19	02/04/2019
NEMO (TST 6049)	Physical Properties	4p-SOP-22-SSLAP-04.B.R1	05/23/2023
NEMO (TST 6049)	M-D 13-1362	4p-SOP-22-SSLAP-04.A	05/23/2023
NEMO (TST 6049)	Physical Properties	4p-SOP-23-SSLAP-02.A.R1	10/03/2023
NEMO (TST 6049)	Physical Properties	4p-SOP-23-SSLAP-01.A	01/31/2024
PRI (TST5878)	ASTM D6083	PUSA-149-02-01	01/15/2016
PRI (TST5878)	ASTM D6083	PUSA-147-02-01	01/15/2016
PRI (TST5878)	Physical properties	ALTG-010-02-01	05/16/2016
PRI (TST5878)	Miami-Dade 15-0332	ALTG-007-02-01	06/16/2016
PRI (TST5878)	ASTM D6083	PUSA-159-02-01	07/08/2016
PRI (TST5878)	ASTM D6083	PUSA-158-02-01	07/08/2016
PRI (TST5878)	ASTM D3019	PUSA-171-02-01	12/07/2016
PRI (TST5878)	ASTM D4586, D3409	PUSA-182-02-01	12/14/2016
PRI (TST5878)	ASTM D4479	PUSA-178-02-01	12/15/2016
PRI (TST5878)	ASTM D4586	PUSA-179-02-01	12/15/2016
PRI (TST5878)	ASTM D4586	PUSA-180-02-01	12/15/2016
PRI (TST5878)	ASTM D4586	PUSA-181-02-01	12/15/2016
PRI (TST5878)	ASTM D41	PUSA-176-02-01	03/17/2017
PRI (TST5878)	Physical properties	PUSA-175-02-01	05/01/2017
PRI (TST5878)	ASTM D2824	PUSA-184-02-01	05/02/2017
PRI (TST5878)	ASTM D2824	PUSA-185-02-01	05/02/2017
PRI (TST5878)	Physical properties	PUSA-198-02-01 / PUSA-211-02-01	05/02/2017
PRI (TST5878)	Physical properties	PUSA-213-02-01	05/02/2017
PRI (TST5878)	ASTM D3019	PUSA-215-02-01	06/12/2017
PRI (TST5878)	ASTM D1227	PUSA-200-02-01	06/13/2017
PRI (TST5878)	ASTM D 4586	PUSA-217-02-01	07/06/2017
PRI (TST5878)	ASTM D6694 (adhesion)	PRMA-009-02-01	08/15/2018
PRI (TST5878)	ASTM D6694 (adhesion)	PRMA-010-02-01	08/15/2018
PRI (TST5878)	ASTM D6083	PUSA-249-02-01	08/21/2018

ENTITY	EXAMINATION	REFERENCE	DATE
PRI (TST5878)	ASTM D6083	PUSA-250-02-01	08/21/2018
PRI (TST5878)	ASTM D6083	PUSA-247-02-01	08/21/2018
PRI (TST5878)	ASTM D6083	PUSA-248-02-01	08/21/2018
PRI (TST5878)	ASTM D6083 (modified)	PUSA-252-02-01	08/21/2018
PRI (TST5878)	ASTM D6083	PUSA-253-02-01	08/21/2018
PRI (TST5878)	ASTM D6083	PUSA-256-02-01	09/06/2018
PRI (TST5878)	ASTM D6083	PUSA-266-02-01	12/03/2018
PRI (TST5878)	ASTM D6904	PUSA-294-02-01	03/25/2019
PRI (TST5878)	ASTM D6083 (film)	PUSA-272-02-01 / PUSA-272-02-02	06/19/2019
PRI (TST5878)	Physical properties	708T0011	07/19/2019
PRI (TST5878)	Physical properties	708T0012	07/19/2019
PRI (TST5878)	Physical properties	708T0006	07/26/2019
PRI (TST5878)	Physical properties	708T0005	07/26/2019
PRI (TST5878)	Physical properties	708T0013	08/01/2019
PRI (TST5878)	ASTM D6083 (adhesion)	708T0008	10/24/2019
PRI (TST5878)	ASTM D6083 (adhesion)	708T0016	10/29/2019
PRI (TST5878)	ASTM D6083 (adhesion)	708T0017 / 708T0028	10/29/2019
PRI (TST5878)	ASTM D6083 (adhesion)	708T0019	10/29/2019
PRI (TST5878)	ASTM D6083 (adhesion)	708T0007	10/29/2019
PRI (TST5878)	Physical properties	708T0098	06/16/2021
PRI (TST5878)	Physical properties	708T0099	06/16/2021
PRI (TST5878)	Physical properties	1561T001	06/21/2021
PRI (TST5878)	Physical properties	1561T002	06/21/2021
PRI (TST5878)	Physical properties	1561T003	06/21/2021
PRI (TST5878)	Physical properties	1561T005	06/21/2021
PRI (TST5878)	ASTM D3019	1288T0015	09/22/2021
PRI (TST5878)	ASTM D6694 (adhesion)	708T0097	12/07/2021
PRI (TST5878)	ASTM D6083 (adhesion)	708T0082	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0083	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0086-R1	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0087-R1	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0088-R1	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0089-R1	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0090	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0091	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0092	04/14/2022
PRI (TST5878)	ASTM D6083 (adhesion)	708T0093-R1	04/14/2022
PRI (TST5878)	Physical properties	708T0119	06/10/2022
PRI (TST5878)	ASTM C836	708T0120	11/28/2022
PRI (TST5878)	ASTM D6694 (adhesion)	708T0131 (status)	12/29/2022
PRI (TST5878)	ASTM D6694 (adhesion)	708T0130	02/15/2023
PRI (TST5878)	ASTM D6694, D6904	1582T0018	05/01/2023
PRI (TST5878)	ASTM D6694, D6904	1582T0017	06/27/2023
PRI (TST5878)	ASTM D6694 (adhesion)	708T0129	10/24/2023
PRI (TST5878)	ASTM D6694 (adhesion)	708T0132	10/24/2023
PRI (TST5878)	ASTM D6694 (adhesion)	708T0208	10/24/2023
PRI (TST5878)	ASTM D6694 (adhesion)	708T0209	10/24/2023
PRI (TST5878)	ASTM D6694 (adhesion)	708T0211	10/24/2023
PRI (TST5878)	ASTM D6694	708T0166	10/24/2023
PRI (TST5878)	ASTM D6694 (adhesion)	708T0236	01/12/2024
PRI (TST5878)	ASTM D6694 (adhesion)	708T0238	04/08/2024
PRI (TST5878)	ASTM D6694	708T0206	04/10/2024
PRI (TST5878)	ASTM D6694 (adhesion)	708T0237	07/19/2024
PRI (TST5878)	ASTM D6694	708T0213	07/23/2024
PRI (TST5878)	ASTM D6694 (adhesion)	708T0256.1	07/23/2024
PRI (TST5878)	ASTM D6694 (adhesion)	708T0256.2	07/23/2024
PRI (TST5878)	ASTM D6083	708T0300	08/07/2025
M-D (CER1592)	Traceability	PLA	07/14/2014
NEMO	Traceability	FBC PCL (Struthers, OH)	04/12/2022
NEMO	Traceability	FBC PCL (Guelph, ON)	08/07/2023
NEMO	Traceability	SPE (Guelph, ON)	03/19/2024
NEMO	Traceability	SPE (New Albany, NY)	03/19/2024

ENTITY	EXAMINATION	REFERENCE	DATE
NEMO	Traceability	FBC PCL (Kansas City, KS)	09/12/2024
NEMO	Traceability	SPE	02/28/2025
NEMO	Traceability	FBC PCL (Wadsworth, OH)	09/02/2025
UL LLC (QUA9625)	Quality Control	Service Confirmation (VARIOUS)	10/07/2025
UL LLC (QUA9625)	Quality Control	Service Action (KS and QC)	10/22/2025
UL LLC (QUA9625)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES

PRODUCT	MATERIAL STANDARD	DESCRIPTION / APPROVED USE	MANUFACTURING
COATINGS:			
Mapeseal GC	ASTM C836	Single-component, moisture-cure, cold-fluid-applied coating	Garland, TX
PG 300	ASTM D4479, Type I	Asphalt fibered, non-polymer modified protective roof coating	Winter Haven, FL
PG 600	ASTM D2824, Type I	Non-fibered aluminum, reflective roof coating	Winter Haven, FL
PG 650	ASTM D2824, Type III	Fibered aluminum, reflective roof coating	Winter Haven, FL
PG 700	ASTM D6083	Water-based, white or tinted elastomeric acrylic roof coating	Phoenix, AZ Winter Haven, FL
PG 700-QS	ASTM D6083	Quick-setting, white or tinted elastomeric acrylic-based roof coating	Phoenix, AZ Winter Haven, FL
PG 800	ASTM D1227, Type III	Asphalt base emulsion roof coating.	Wickliffe, OH
PG PMMA Field Resin	M-D 13-1362	A two-component poly methyl-methacrylate (PMMA) resin	Wadsworth, OH
PG PMMA Field Resin LO	M-D 13-1362	A two-component poly methyl-methacrylate (PMMA) resin	Wadsworth, OH
PG PMMA Field Resin T	M-D 13-1362	A two-component poly methyl-methacrylate (PMMA) resin	Wadsworth, OH
PolyBrite QS	ASTM D6083	Quick-setting, white or tinted elastomeric acrylic-based roof coating	Phoenix, AZ Winter Haven, FL
PolyBrite 60-FC	ASTM D6083	Water-based, white or tinted elastomeric acrylic roof coating	Phoenix, AZ Winter Haven, FL
PolyBrite 70	ASTM D6083	Water-based, white or tinted elastomeric acrylic roof coating	Phoenix, AZ Winter Haven, FL
PolyBrite 71	ASTM D6083, Type II	High solids, water-based, white or tinted elastomeric coating	Phoenix, AZ
	ASTM D6083, Type I		Winter Haven, FL
PolyBrite 71 HS	ASTM D6083, Type II	High solids, water-based, white or tinted elastomeric coating	Phoenix, AZ
	ASTM D6083, Type I		Winter Haven, FL
PolyBrite 75	ASTM D6083	High tensile, water-based, white or tinted, elastomeric coating.	Phoenix, AZ Winter Haven, FL
PolyBrite 90	ASTM D6694	High solids, single component, moisture cure, white or tinted, silicone roof coating	Pryor, OK Waukegan, IL
PolyBrite 90.1	ASTM D6694	High solids, single component, moisture cure, white or tinted, silicone roof coating	New Albany, IN
PolyBrite 90E	ASTM D6694	High solids, single component, moisture cure, white or tinted, silicone roof coating	New Albany, IN
PolyBrite 90.2	ASTM D6694	High solids, single component, moisture cure, white or "Kool Grey", silicone roof coating	Guelph, ON Canada
PolyBrite 90W	ASTM D6694	High solids, single component, moisture cure, white or "Kool Grey", silicone roof coating	Guelph, ON Canada
PolyBrite 95	ASTM D6694	Single component, solvent borne, white or tinted, silicone roof coating	Pryor, OK

TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES

PRODUCT	MATERIAL STANDARD	DESCRIPTION / APPROVED USE	MANUFACTURING
COATINGS:			
PolyBrite 95.1	ASTM D6694	Single component, solvent borne, white or tinted, silicone roof coating	New Albany, IN
PolyBrite 95E	ASTM D6694	Single component, solvent borne, white or tinted, silicone roof coating	New Albany, IN
Polyglass PMMA Resin	Miami-Dade #15-0332	A two-component, fast-curing, poly methyl-methacrylate (PMMA) resin	Petershagen, Germany
POLYPLUS 60	ASTM D2824, Type I	Non-fibred aluminum, reflective roof coating	Winter Haven, FL
POLYPLUS 65	ASTM D2824, Type III	Fibred aluminum, reflective roof coating	Winter Haven, FL
Turbo-Set	ASTM D6083, Type II	Two-component, water-based, elastomeric coating	Winter Haven, FL
REINFORCEMENT:			
PG PMMA Fleece	<i>(See Product Data Sheet for Physical Properties)</i>	Polyester reinforcement for use in PG PMMA, PG PMMA LO and PG PMMA T applications	Saint Elzear, QC
CEMENTS AND SURFACING:			
PG 400	ASTM D4586, Type I	Cold-applied, sealing and repair flashing cement	Winter Haven, FL
PG 425	ASTM D4586, D3409	Wet and dry roof cement.	Winter Haven, FL
PG 450	ASTM D4586	Trowel-grade, general purpose wet and dry roof cement	Winter Haven, FL
PG 500	ASTM D4586, Type I	A thick, fibred rubberized flashing cement for use with modified bitumen membranes or tile underlayment applications	Winter Haven, FL
PG PMMA Color Finish	<i>(See Product Data Sheet for Physical Properties)</i>	A two-component poly methyl-methacrylate (PMMA) resin as a color finish layer in PG PMMA, PG PMMA LO and PG PMMA T applications	Wadsworth, OH
PG PMMA Mortar	<i>(See Product Data Sheet for Physical Properties)</i>	A two-component poly methyl-methacrylate (PMMA) resin as a wearing surface in PG PMMA, PG PMMA LO and PG PMMA T applications	Wadsworth, OH
PG PMMA Light Texture	<i>(See Product Data Sheet for Physical Properties)</i>	A two-component poly methyl-methacrylate (PMMA) resin with integrally mixed aggregate as a textured finish layer in PG PMMA, PG PMMA LO and PG PMMA T applications	Wadsworth, OH
PG PMMA Traffic Coat	<i>(See Product Data Sheet for Physical Properties)</i>	A two-component poly methyl-methacrylate (PMMA) resin as a color finish layer in PG PMMA, PG PMMA LO and PG PMMA T applications	Wadsworth, OH
PolyBrite 77	N/A	Thermoplastic rubber roof cement	Struthers, OH
Polyglass PMMA HTT Surface Finish	N/A	A two-component, fast-curing, flexible, methacrylate resin	Petershagen, Germany
Polyglass PMMA Mortar	N/A	A flexible methyl-methacrylate (PMMA), two component rapid curing based mortar	Petershagen, Germany
POLYPLUS 45	ASTM D4586	Trowel-grade, general purpose wet and dry roof cement	Winter Haven, FL
POLYPLUS 50	ASTM D4586, D3409	Trowel grade, wet and dry, rubberized flashing cement	Winter Haven, FL

TABLE 1: EVALUATED MAINTENANCE COATINGS & ACCESSORIES

PRODUCT	MATERIAL STANDARD	DESCRIPTION / APPROVED USE	MANUFACTURING
PRIMERS:			
PG 100	ASTM D41	General purpose, fast-drying, penetrating asphalt primer used to promote adhesion	Winter Haven, FL
PG PMMA Deck Primer	<i>(See Product Data Sheet for Physical Properties)</i>	Primer for use in PG PMMA Field or Flash, PG PMMA Field or Flash LO and PG PMMA Field or Flash T applications	Wadsworth, OH
PG PMMA Membrane Primer	<i>(See Product Data Sheet for Physical Properties)</i>	Primer for use in PG PMMA Field or Flash, PG PMMA Field or Flash LO and PG PMMA Field or Flash T applications	Wadsworth, OH
PolyBrite 74	N/A	Water-based rust inhibiting primer produced with light-blue color to determine coverage	Phoenix, AZ Winter Haven, FL
PolyBrite 76	N/A	Water-based, stain blocking, elastomeric base coat	Winter Haven, FL
PolyBrite 78	N/A	Rinseable primer used to pre-treat EPDM membranes prior to power washing and coating.	Winter Haven, FL
PolyBrite 79	N/A	Solvent-based primer for use on aged TPO and PVC membranes.	Phoenix, AZ
PolyBrite 84	N/A	Single component, rust-inhibitive primer to enhance adhesion of elastomeric roof coatings to metal surfaces	Phoenix, AZ Winter Haven, FL
PolyBrite 98	N/A	Water-based, one-part primer/bleed blocker that enhances the adhesion of Polyglass silicone roof coatings	Phoenix, AZ Winter Haven, FL
PolyBrite 745	N/A	Single component, acrylic primer to enhance adhesion of acrylic roof coatings	Phoenix, AZ Winter Haven, FL
Polyglass PMMA Concrete and Wood Primer	N/A	A thixotropic poly methyl-methacrylate (PMMA), two-component, rapid-curing, resin primer	Petershagen, Germany
Polyglass PMMA Flexible Primer	N/A	A thixotropic poly methyl-methacrylate (PMMA), two-component, rapid-curing, resin primer	Petershagen, Germany
WB-3000	N/A	Low VOC, water-based acrylic primer to enhance adhesion of self-adhering membranes.	Winter Haven, FL
FLASHINGS:			
PG PMMA Flashing Resin	M-D 13-1362	A two-component poly methyl-methacrylate (PMMA) resin	Wadsworth, OH
PG PMMA Flashing Resin LO	M-D 13-1362	A two-component poly methyl-methacrylate (PMMA) resin	Wadsworth, OH
PG PMMA Flashing Resin T	M-D 13-1362	A two-component poly methyl-methacrylate (PMMA) resin	Wadsworth, OH
PolyBrite 93	N/A	A silicone flashing compound	New Albany, IN
ADHESIVES:			
PG 350	ASTM D3019, Type III	Cold-applied bonding adhesive for use with modified bitumen	Winter Haven, FL
POLYPLUS 35	ASTM D3019, Type III	Cold-applied bonding adhesive for use with modified bitumen	Winter Haven, FL
PG 350 LV	ASTM D3019, Type III	Cold-applied bonding adhesive for use with modified bitumen	Kansas City, KS

5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.3 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** or **FBC HVHZ 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.4 Polyglass Cements, Adhesives and Coatings are components for use in Approved roof assemblies. Refer to the "Approved Use" in [Section 4](#) for each component. The Cements, Adhesives and Coatings noted herein are not purported to be Roofing Systems, and their use shall be governed by and limited to applications where Roof System Product Approval is not necessary (e.g., maintenance and repair) or where the components are called out in a Roof System Product Approval.
- 5.5 The existing roof system and/or substrate shall meet wind uplift requirements of the project to the satisfaction of the Authority Having Jurisdiction.
- 5.6 All products listed herein shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3** requirements.

6. INSTALLATION:

- 6.1 **Polyglass Cements, Adhesives and Coatings** shall be installed in accordance with [Polyglass USA, Inc.](#) published installation instructions, subject to the Approved Use in [Section 4](#) and [Limitations of Use](#) herein.
- 6.1.1 Foundation coat(s), PolyBrite Polyester Fabric (when installed) and finish coat(s) shall be in accordance with Polyglass wet-mil and dry-mil thickness requirements. Polyglass PMMA Polyester Reinforcement shall be required in all applications using Polyglass PMMA Resin.
- 6.1.2 For metal substrates, exposed fasteners, seams and joints shall be treated in accordance with Polyglass requirements, using PolyBrite Polyester Fabric set into a foundation coat.
- 6.1.3 For wood substrates, joints shall be treated in accordance with Polyglass requirements, using PolyBrite Polyester Fabric set into a foundation coat.
- 6.2 Allowable Substrates:

TABLE 2: ALLOWABLE SUBSTRATES FOR WINTER HAVEN, FL PRODUCTION

SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Granule or Sanded	New or Existing (aged)	None	PolyBrite 76, PG 700 or PG 800	PG 700
				PolyBrite 70 or 76 or PG 800	PolyBrite 70
				PolyBrite 71 or 71 HS or PG 800	PolyBrite 71 or 71 HS
	Granule	Existing (aged)	PolyBrite 745	PolyBrite 75	PolyBrite 75
			PolyBrite 745	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS

TABLE 2: ALLOWABLE SUBSTRATES FOR WINTER HAVEN, FL PRODUCTION

SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Metal, Galvanized Steel	N/A	New or Existing (aged)	(Optional) PolyBrite 74 or 84	PG 700 or PolyBrite 76	PG 700
				PolyBrite 70 or 76	PolyBrite 70
				PolyBrite 71, 71 HS or 76	PolyBrite 71 or 71 HS
				PolyBrite 75 or 76	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
			(Optional) PolyBrite 84	None	Turbo-Set
Modified bitumen, APP	Granule	New or Existing (aged)	None	PolyBrite 76, PG 700 or PG 800	PG 700
				PolyBrite 70 or 76 or PG 800	PolyBrite 70
				PolyBrite 71 or 71 HS or PG 800	PolyBrite 71 or 71 HS
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
			PolyBrite 745	PG 700	PG 700
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
				None	Turbo-Set
	Granule	Existing (aged)	PolyBrite 745	PolyBrite 70	PolyBrite 70
			None	PolyBrite 71, PolyBrite 71 HS	PolyBrite 71 or 71 HS
Modified bitumen, SBS	Granule	New or Existing (aged)	None	PolyBrite 76, PG 700 or PG 800	PG 700
				PolyBrite 70 or 76 or PG 800	PolyBrite 70
				PolyBrite 71 or 71 HS or PG 800	PolyBrite 71 or 71 HS
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
				PolyBrite 76	Turbo-Set
	Granule	New or Existing (aged)	PolyBrite 745	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
	Granule	Existing (aged)	None	None	Turbo-Set
	Sanded	New or Existing (aged)	None	PolyBrite 75	PolyBrite 75
				PolyBrite 71 or 71 HS or PG 800	PolyBrite 71 or 71 HS
Single Ply, CSPE	N/A	Existing (aged)	None	PG 700 or PG 800	PG 700
				PolyBrite 70 or PG 800	PolyBrite 70
				PolyBrite 71 or 71 HS or PG 800	PolyBrite 71 or 71 HS
				PolyBrite 75 or PG 800	PolyBrite 75
Single Ply, EPDM	N/A	Existing (aged)	None	PolyBrite 70 or PG 800	PolyBrite 70
			PolyBrite 78	PolyBrite 70	PolyBrite 70
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS

TABLE 2: ALLOWABLE SUBSTRATES FOR WINTER HAVEN, FL PRODUCTION

SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Single Ply, PVC	N/A	New or Existing (aged)	None	None	Turbo-Set
Single Ply, PVC	N/A	Existing (aged)	None	PG 700 or PG 800	PG 700
				PolyBrite 70 or PG 800	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
			None	PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
Single Ply, TPO	N/A	New or Existing (aged)	PolyBrite 79	None	Turbo-Set
	N/A	Existing (aged)	PolyBrite 79	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
			None	PolyBrite 76	PolyBrite 70
Spray Applied Polyurethane Foam	N/A	New	None	PG 700 or PG 800	PG 700
				PolyBrite 60-FC	PolyBrite 60-FC
				PolyBrite 70 or PG 800	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				None	Turbo-Set
Structural Concrete	N/A	New or Existing (aged)	None	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
Wood	N/A	New or Existing (aged)	None	PolyBrite 745	Turbo-Set
				PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
			PolyBrite 745	None	Turbo-Set

TABLE 3: ALLOWABLE SUBSTRATES FOR PHOENIX, AZ PRODUCTION

SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Granule	New or Existing (aged)	None	PolyBrite 70 or 76	PolyBrite 70
			PolyBrite 745	PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
	Granule	Existing (aged)	PolyBrite 745	PG 700	PG 700
				PolyBrite 75	PolyBrite 75
Metal, Galvanized Steel	N/A	New or Existing (aged)	(Optional) PolyBrite 74 or 84	PG 700 or PolyBrite 76	PG 700
				PolyBrite 70 or 76	PolyBrite 70
				PolyBrite 71, 71 HS or 76	PolyBrite 71 or 71 HS
				PolyBrite 75 or 76	PolyBrite 75
			(Optional) PolyBrite 84	PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
Modified bitumen, APP	Granule	New or Existing (aged)	None	PolyBrite 70 or 76	PolyBrite 70
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
			PolyBrite 745	PG 700	PG 700
				PolyBrite 75	PolyBrite 75
	Granule	Existing (aged)	PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
			PolyBrite 745	PolyBrite 70	PolyBrite 70
			(Optional) PolyBrite 745	PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
Modified bitumen, SBS	Granule	New or Existing (aged)	None	PG 700 or PolyBrite 76	PG 700
				PolyBrite 70 or 76	PolyBrite 70
				PolyBrite 71, 71 HS or 76	PolyBrite 71 or 71 HS
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
			PolyBrite 745	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
	Granule	Existing (aged)	None	PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
		Existing (aged)	None	PolyBrite 75	PolyBrite 75
Single Ply, CSPE	N/A	Existing (aged)	None	PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
				PG 700	PG 700
				PolyBrite 70	PolyBrite 70
Single Ply, EPDM	N/A	Existing (aged)	PolyBrite 78	PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
				PG 700	PG 700
				PolyBrite 70	PolyBrite 70
Single Ply, PVC	N/A	Existing (aged)	None	PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
				PG 700	PG 700
				PolyBrite 70	PolyBrite 70

TABLE 3: ALLOWABLE SUBSTRATES FOR PHOENIX, AZ PRODUCTION

SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Single Ply, TPO	N/A	Existing (aged)	PolyBrite 79	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
			None	PolyBrite 76	PolyBrite 70
Spray Applied Polyurethane Foam	N/A	New	None	PG 700	PG 700
				PolyBrite 60-FC	PolyBrite 60-FC
				PolyBrite 70	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
Structural Concrete	N/A	New or Existing (aged)	None	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS
Wood	N/A	New or Existing (aged)	None	PG 700	PG 700
				PolyBrite 70	PolyBrite 70
				PolyBrite 71 or 71 HS	PolyBrite 71 or 71 HS
				PolyBrite 75	PolyBrite 75
				PG 700-QS or PolyBrite QS	PG 700-QS or PolyBrite QS

TABLE 4: ALLOWABLE SUBSTRATES FOR PRYOR, OK PRODUCTION

SUBSTRATE			TREATMENT	PRIMER	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Metal, Galvanized Steel	N/A	New or Existing (aged)	None	None	PolyBrite 90
Modified Bitumen, APP	Granule	New or Existing (aged)	None	PolyBrite 98	PolyBrite 90
	Sanded	Existing (aged)	None	None	PolyBrite 90 or 95
	Sanded	Existing (aged)	None	PolyBrite 98	PolyBrite 95
Modified Bitumen, SBS	Granule	New or Existing (aged)	None	(Optional) PolyBrite 98	PolyBrite 90 or 95
	Sanded	New or Existing (aged)	None	PolyBrite 98	PolyBrite 95
Single Ply, EPDM	N/A	Existing (aged)	PolyBrite 78	None	PolyBrite 90
Single Ply, PVC	N/A	Existing (aged)	None	None	PolyBrite 90 or 95
Single Ply, TPO	N/A	Existing (aged)	None	PolyBrite 79	PolyBrite 90 or 95
Spray Applied Polyurethane Foam	N/A	New	None	None	PolyBrite 90 or 95
Structural concrete	N/A	New or Existing (aged)	None	None	PolyBrite 90 or 95

TABLE 5: ALLOWABLE SUBSTRATES FOR WAUKEGAN, IL PRODUCTION

SUBSTRATE			TREATMENT	PRIMER	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Metal, Galvanized Steel	N/A	New or Existing (aged)	None	None	PolyBrite 90
Modified Bitumen, APP	Granule	New or Existing (aged)	None	PolyBrite 98	PolyBrite 90
	Sanded	Existing (aged)	None	(Optional) PolyBrite 98	PolyBrite 90
Modified Bitumen, SBS	Granule	New or Existing (aged)	None	(Optional) PolyBrite 98	PolyBrite 90
Single Ply, EPDM	N/A	Existing (aged)	None	None	PolyBrite 90
Single Ply, PVC	N/A	Existing (aged)	None	None	PolyBrite 90
Single Ply, TPO	N/A	Existing (aged)	None	PolyBrite 79	PolyBrite 90
Spray Applied Polyurethane Foam	N/A	New	None	None	PolyBrite 90
Structural concrete	N/A	New or Existing (aged)	None	None	PolyBrite 90

TABLE 6: ALLOWABLE SUBSTRATES FOR NEW ALBANY, IN PRODUCTION

SUBSTRATE			TREATMENT	PRIMER	FINISH COAT(S)
TYPE	SURFACE	CONDITION			
Built-up roof (BUR)	Sanded	New or Existing (aged)	None	PolyBrite 98.1	PolyBrite 90.1 or 90E
Metal, Galvanized Steel	N/A	New or Existing (aged)	None	(Optional) PolyBrite 98.1	PolyBrite 90.1 or 90E
Modified Bitumen, APP	Granule	New or Existing (aged)	None	(Optional) PolyBrite 98.1	PolyBrite 90.1, 90E, 95.1 or 95E
	Granule	Existing (aged)	None	PolyBrite 98	PolyBrite 90.1, 90E, 95.1 or 95E
	Sanded	Existing (aged)	None	PolyBrite 98	PolyBrite 90.1, 90E, 95.1 or 95E
Modified Bitumen, SBS	Granule	New or Existing (aged)	None	(Optional) PolyBrite 98 or 98.1	PolyBrite 90.1, 90E, 95.1 or 95E
	Sanded	New or Existing (aged)	None	(Optional) PolyBrite 98 or 98.1	PolyBrite 90.1 or 90E
	Sanded	Existing (aged)	PolyBrite 78	PolyBrite 98	PolyBrite 90.1 or 90E
Single Ply, EPDM	N/A	Existing (aged)	None	(Optional) PolyBrite 94.1	PolyBrite 90.1 or 90E
Single Ply, PVC	N/A	Existing (aged)	None	(Optional) PolyBrite 94.1	PolyBrite 90.1 or 90E
				PolyBrite 94.1	PolyBrite 95.1 or 95E
Single Ply, TPO	N/A	Existing (aged)	None	PolyBrite 94.1	PolyBrite 90.1, 90E, 95.1 or 95E
				PolyBrite 79	PolyBrite 90.1, 90E, 95.1 or 95E
Spray Applied Polyurethane Foam	N/A	New	None	None	PolyBrite 90.1, 90E, 95.1 or 95E
Structural concrete	N/A	New or Existing (aged)	None	None	PolyBrite 90.1, 90E, 95.1 or 95E

TABLE 7: ALLOWABLE SUBSTRATES, GUELPH, ON, CANADA PRODUCTION

SUBSTRATE			PRIMER	FOUNDATION COAT(S) AND/OR FINISH COAT
TYPE	SURFACE	CONDITION		
Built-up Roof (BUR)	Granule	New	None	PolyBrite 90.2 or 90W
Metal, Aluminum	N/A	New	None	PolyBrite 90.2 or 90W
Metal, Galvanized Steel	N/A	New	None	PolyBrite 90.2 or 90W
Modified Bitumen, APP	Granule	New or Existing (aged)	None	PolyBrite 90.2 or 90W
		Existing (aged)	PolyBrite 98	PolyBrite 90.2
Modified Bitumen, SBS	Granule	New or Existing (aged)	None	PolyBrite 90.2 or 90W
		New or Existing (aged)	PolyBrite 98	PolyBrite 90.2
	Sanded	New or Existing (aged)	None	PolyBrite 90.2 or 90W
		Existing (aged)	PolyBrite 98	PolyBrite 90.2
Single Ply, EPDM	N/A	Existing (aged)	None	PolyBrite 90.2 or 90W
Single Ply, PVC	N/A	Existing (aged)	None	PolyBrite 90.2 or 90W
Single Ply, TPO	N/A	Existing (aged)	PolyBrite 79	PolyBrite 90.2 or 90W
Spray Applied Polyurethane Foam	N/A	New	None	PolyBrite 90.2 or 90W
Structural Concrete	N/A	New	None	PolyBrite 90.2 or 90W

TABLE 8: ALLOWABLE SUBSTRATES FOR PETERSHAGEN, GERMANY PRODUCTION

SUBSTRATE			PRIMER	FOUNDATION COAT(S)	FABRIC	FINISH COAT(S)
TYPE	SURFACE	CONDITION				
Built-up roof (BUR)	Sanded	New	None	Polyglass PMMA Resin	Polyglass PMMA Polyester Reinforcement	Polyglass PMMA Resin
	Granule	New	None			
Modified Bitumen, SBS	Sanded	New	None			
	Granule	New	None			
Single Ply, PVC	N/A	New	None			
Structural concrete	N/A	New	None			

TABLE 9: ALLOWABLE SUBSTRATES FOR GARLAND, TX PRODUCTION

SUBSTRATE			PRIMER	COATING
TYPE	SURFACE	CONDITION		
Structural concrete	N/A	New	None	Mapeseal GC, with or without Mapeseal LMR Fabric, in accordance with manufacturer's instructions. Min. 60-mil total dry mil thickness

TABLE 10: ALLOWABLE SUBSTRATES FOR PG PMMA FIELD OR FLASHING, PG PMMA T FIELD OR FLASHING OR PG PMMA LO FIELD OR FLASHING							
SUBSTRATE			PRIMER	FOUNDATION COAT(s)	FABRIC	FINISH COAT(s)	SURFACING
TYPE	SURFACE	CONDITION					
Modified bitumen, APP	Granule	New or Existing (aged)	PG PMMA Membrane Primer	PG PMMA, PG PMMA T or PG PMMA LO	PG PMMA Fleece	PG PMMA, PG PMMA T or PG PMMA LO	(Optional) PG PMMA Color Finish, PG PMMA Mortar, PG PMMA Traffic Coat or PG PMMA Light Texture
Modified bitumen, SBS	Granule	New or Existing (aged)	PG PMMA Membrane Primer				
	Smooth	New or Existing (aged)	PG PMMA Membrane Primer				
Structural Concrete	N/A	New or Existing (aged)	PG PMMA Deck Primer				
Wood	N/A	New or Existing (aged)	PG PMMA Deck Primer				

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

[UL, LLC – QUA9625](#): (360) 817-5512; bsai.inspections@ul.com

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