METALITE® PANEL SYSTEM

Prefabricated, Insulated, Metal Backed,
Lightweight Exterior Wall Panels

dryvit

DS134

Metalite Panel System Specifications

Tech21 by dryvit

INTRODUCTION

This document contains the Manufacturer's Standard Specification for the Metalite Panel System. These specifications follow the Construction Specification Institute's MasterFormat.

TAILORING THE DRYVIT MANUFACTURER'S SPECIFICATIONS TO YOUR PROJECT.

These specifications cover all the common ways of using the Metalite Panel System. Most projects use only a few of the possible combinations of these materials and methods. To tailor the Specifications to your project, simply use those sections which apply. Also, it may be prudent to place certain parts of the Dryvit Specification in other parts of the project's total specification, such as sealants and metal framing. For assistance in preparing your specification, contact your Dryvit distributor or Dryvit Systems, Inc.

UNITS

Standard International Units (SI) are included in parentheses after the English equivalents thus:

1/2 in (12.7 mm) 1.0 pcf (16 Kg/m^3)

Please note that the conversions may not be exact but rather represent commonly used equivalents.

WARNING

The Metalite Panel System is designed and detailed to prevent water from entering the system. If specifications are not followed and proper details not adhered to, water may intrude the system, resulting in possible damage to the system and other building elements in the wall.

DISCLAIMER

Information contained in this specification conforms to standard detail and product recommendations for the installation of the Dryvit Systems, Inc. products as of the date of publication of this document and is presented in good faith. Dryvit Systems, Inc. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, visit our website at www.dryvit.com or contact Dryvit Systems, Inc., at

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DRYVIT SYSTEMS, INC.
MANUFACTURER'S SPECIFICATION
SECTION 07 24 00
SECTION 07 42 00
METALITE PANEL SYSTEM

PART I – GENERAL

1.01 SUMMARY

A. This document is to be used in preparing specifications for projects utilizing the Dryvit Metalite Insulated Panel System. For complete product description and usage refer to:
1. Dryvit Metalite Panel System Installation Details, DS112
2. Dryvit Metalite Panel System Fabrication and Installation Instructions, DS885
3. Dryvit Tech 21 Brochure, DS210

B. Related Sections.
1. Sealants - 07 92 00
2. Unit Masonry – Section 04 20 00
3. Concrete – Sections 03 00 00
4. Cold-Formed Metal Framing – Section 05 40 00
5. Wood Framing – Section 06 11 00
6. Joint Protection – Section 07 90 00
7. Flashing – Section 07 60 00
8. Water-Resistive Barriers – Section 07 25 00
9. Vapor Retarders – 07 26 13
10. Air Barriers – 07 27 26

1.02. REFERENCES

A. Section Includes
1. AATCC 127 Water resistance Test: Hydrostatic pressure test
2. ASTM A 653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
3. ASTM B 117 (Federal Test Standard 141A Method 6061) Standard Practice for Operating Salt Spray (Fog) Apparatus
4. ASTM C67 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile
5. ASTM C 150 Standard Specification for Portland Cement
6. ASTM C177 Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
7. ASTM C272 Standard Test Method for Water Absorption of Core Materials for Sandwich Constructions
8. ASTM C 297 Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions
9. ASTM C203 Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation
10. ASTM C303 Standard Test Method for Dimensions and Density of Preformed Block and Board–Type Thermal Insulation
11. ASTM C518 Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
12. ASTM C 1177 Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing
13. ASTM C1325 Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units
14. ASTM D 968 (Federal Test Standard 141A Method 6191) Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
15. ASTM D1621 Standard Test Method for Compressive Properties of Rigid Cellular Plastics
16. ASTM D1622 Standard Test Method for Apparent Density of Rigid Cellular Plastics
17. ASTM D 1970 Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
18. ASTM D 2247 (Federal Test Standard 141A Method 6201) Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity
19. ASTM D2863 Standard Test Method for Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics (Oxygen Index)
20. ASTM D 2898 Standard Test Method for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing
21. ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
22. ASTM D 4060 Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser

23. ASTM E 72 Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
24. ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials
25. ASTM E 96 Standard Test Methods for Water Vapor Transmission of Materials
26. ASTM E 119 Standard Method for Fire Tests of Building Construction and Materials
27. ASTM E 283 Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen
28. ASTM E 330 Test Method for Structural Performance of Exterior Windows, Doors and Curtain Walls by Uniform Static Air Pressure Difference
29. ASTM E 331 Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference
30. ASTM E 2098 Test Method for Determining the Tensile Breaking Strength of Glass Fiber Reinforcing Mesh for use in Class PB Exterior Insulation and Finish Systems (EIFS), after Exposure to Sodium Hydroxide Solution
31. ASTM E 2134 Test Method for Evaluating the Tensile-Adhesion Performance of Exterior Insulation and Finish Systems (EIFS)
32. ASTM E 2178 Standard Test Method for Air Permeance of Building Materials
33. ASTM E 2273 Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies
34. ASTM E 2357 Standard Test Method for Determining Air Leakage of Air Barrier Assemblies
35. ASTM E 2430 Standard Specification for Expanded Polystyrene (EPS) Thermal Insulation Boards for use in Exterior Insulation and Finish Systems (EIFS)
36. ASTM E 2485 (formerly EIMA Std. 101.01) Standard Test Method for Freeze-Thaw Resistance of Exterior Insulation and Finish Systems (EIFS) and Water-Resistive Barrier Coatings
37. ASTM E 2486 (formerly EIMA Std. 101.86) Standard Test Method for Impact Resistance of Class PB and PI Exterior Insulation and Finish Systems (EIFS)
38. ASTM E 2568 Standard Specification for PB Exterior Insulation and Finish Systems
39. ASTM E 2570 Standard Test Method for Evaluating Water-Resistive Barrier (WRB) Coatings Used Under Exterior Insulation and Finish Systems (EIFS) or EIFS with Drainage
40. ASTM G154 Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
41. ASTM G 155 (Federal Test Standard 141A Method 6151) Standard Practice for Operating-Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials
42. Mil Std E5272 Environmental Testing
43. Mil Std 810B Environmental Test Methods
44. NFPA 268 Standard Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source.
45. NFPA 285 Standard Method of Test for the Evaluation of Flammability Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components Using the Intermediate-Scale, Multistory Test Apparatus
46. ISO 9001:2015 Quality Management System
47. ISO 14001:2015 Environmental Management System

1.03 DEFINITIONS

A. Base Coat: Material used to encapsulate one or more layers of reinforcing mesh fully embedded that is applied to the outside surface of the EPS.
B. Building Expansion Joint: A joint through the entire building structure designed to accommodate structural movement.
C. Panel Erector: The contractor that installs the Metalite Panel System to the substrate/structural frame.
D. Dryvit: Dryvit Systems, Inc., the manufacturer of the components of the Metalite Panel System, a Rhode Island corporation.
E. Expansion Joint: A structural discontinuity in the Metalite Panel System.
F. Finish: An acrylic-based coating, available in a variety of textures and colors that is applied over the base coat.
G. Insulation Board: Expanded polystyrene (EPS) insulation board.
H. Panel Fabricator: The contractor who fabricates the panelized Metalite Panel System.
I. Reinforcing Mesh: Glass fiber mesh(es) used to reinforce the base coat and to provide impact resistance.
J. Substrate: The material to which the Metalite Panel System is affixed.

1.04 SYSTEM DESCRIPTION

A. Metalite Panel System is a prefabricated, insulated exterior wall panel consisting of:
1) Metalite substrate; 2) insulation board; 3) mechanical fasteners; 4) fiberglass reinforcing mesh(es) embedded in a base coat; 5) an aesthetic finish.

B. Design Requirements
1. Metalite panels are applied to any structurally sound substrate or building frame.
2. The panel configuration and building connections are engineered by the panel fabricator. The panel fabricator shall submit shop drawings to the architect for approval prior to fabrication.
3. Metalite panels shall be installed per approved shop drawings, contract documents and Metalite Installation Details, DS112.
4. Substrate Systems:
   a. The maximum deflection of the substrate under full flexural design loads shall not exceed 1/240 times the span.
   b. The erector shall verify that the proposed substrate is acceptable for application of the Metalite Panel System.
5. Connections between the Metalite panels and the building shall be engineered by the panel fabricator.
6. The reinforced base coat shall be returned on all panel edges fully encapsulating the insulation board.
7. The slope of inclined surfaces shall not be less than 6:12 (27°) and the length shall not exceed 12 in (305 mm).
8. The Metalite panels shall be held back from adjoining materials around openings and penetrations such as windows, doors, and other penetrations a minimum of 3/4 in (19 mm) for sealant application.
9. The Metalite panels shall be terminated a minimum of 2 in (51 mm) above hardscape and 8 in (203 mm) above softscape and roofing.
10. Vapor Retarders: The use and location of vapor retarders within a wall assembly is the responsibility of the project designer and shall comply with local building code requirements. The type and location shall be noted on the project drawings and specifications. Vapor retarders may be inappropriate in certain climates and can result in condensation within the wall assembly. Refer to Dryvit Publication DS159 for additional information.
11. Dark Colors: The use of dark colors must be considered in relation to wall surface temperature as a function of local climatic conditions. Use of dark colors in high temperature climates can affect the performance of the system.
12. The maximum service temperature of the eps insulation is 165°F (74°C). The system shall be protected from direct exposure to heating appliances, reflective surfaces and other conditions that may cause the product temperature to exceed this value.
13. Flashing: Shall be provided at all roof-wall intersections, windows, doors, chimneys, decks, balconies and other areas as necessary to prevent water from entering behind the Metalite panels.
14. Sealants
   1) Shall be manufactured and supplied by others.
   2) Shall be compatible with the Metalite panel materials. Refer to current Dryvit Publication DS153 for listing of sealants tested by sealant manufacturer for compatibility.
   3) The sealant backer rod shall be closed cell.
15. Site Coated EPS Shapes and Starter Boards: Shall be coated on site utilizing the same materials (EPS, base material mixture, reinforcing mesh, and finish) as specified for the project.
16. Pre Base Coated EPS Shapes and Starter Boards: Shall be supplied by Acrocore or other approved shape manufacturer.

C. Performance Requirements

1. The Metalite Panel System shall have been tested as follows:

a. Durability

TEST	TEST METHOD	CRITERIA	RESULTS
Abrasion Resistance	ASTM D 968	No deleterious effects after 528 quarts (500 liters)	No deleterious effects after 1056 quarts (1000 liters)
Accelerated Weathering	ASTM G 155 Cycle 1	No deleterious effects after 2000 hours	No deleterious effects after 5000 hours
	ASTM G 154 Cycle 1(QUV)		No deleterious effects after 5000 hours
Freeze-Thaw	ASTM E 2485 Method A	No deleterious effects after 60 cycles	Passed - No deleterious effects after 90 cycles
	ASTM C 67 modified	No deleterious effects after 60 cycles	Passed - No deleterious effects after 60 cycles
	ASTM E 2485 Method B	No deleterious effects after 10 cycles	Passed - No deleterious effects after 10 cycles
Mildew Resistance	ASTM D 3273	No growth during 28 day exposure period	No growth during 60 day exposure period
Water Resistance	ASTM D 2247	No deleterious effects after 14 days exposure	No deleterious effects after 42 days exposure
Taber Abrasion	ASTM D 4060	N/A	Passed 1000 cycles
Salt Spray Resistance	ASTM B 117	No deleterious effects after 300 hours exposure	No deleterious effects after 1000 hours exposure
Water Penetration	ASTM E 331	No water penetration beyond the inner-most plane of the wall 2 hours at 6.24 psf (299 Pa)	Passed
Water Vapor Transmission	ASTM E 96 Procedure B	Vapor permeable	EPS 5 perm-inch Base Coat[1] 40 Perms Finish[2] 40 Perms
Tensile Bond	ASTM C 297/E 2134	Minimum 15 psi (104 kPa) – substrate or insulation failure	Minimum 31 psi (213.6 kPa)

1. Base Coat perm value based on Dryvit Genesis®
2. Finish perm value based on Dryvit Quarzputz

b. Impact Resistance: In accordance with ASTM E 2486*

Reinforcing Mesh[1]/Weight oz/yd² (g/m²)	Minimum Tensile Strengths	EIMA Impact Classification	EIMA Impact Range		Impact Test Results	
			in-lbs	(Joules)	in-lbs	(Joules)
Standard - 4.3 (146)	150 lbs/in (27 g/cm)	Standard	25-49	(3-6)	36	(4)
Standard Plus - 6 (203)	200 lbs/in (36 g/cm)	Medium	50-89	(6-10)	56	(6)
Intermediate™ - 12 (407)	300 lbs/in (54 g/cm)	High	90-150	(10-17)	108	(12)
Panzer® 15[2] - 15 (509)	400 lbs/in (71 g/cm)	Ultra High	>150	(>17)	162	(18)
Panzer 20[2] - 20.5 (695)	550 lbs/in (98 g/cm)	Ultra High	>150	(>17)	352	(40)
Detail Mesh® Short Rolls - 4.3 (146)	150 lbs/in (27 g/cm)	n/a	n/a	n/a	n/a	n/a
Corner Mesh™ - 7.2 (244)	274 lbs/in (49 g/cm)	n/a	n/a	n/a	n/a	n/a

1. Colored blue and bear the Dryvit logo for product identification
2. Used in conjunction with Standard Mesh (recommended for areas exposed to high traffic)

2. The Metalite Panel components shall be tested for:

a. Fire

TEST	TEST METHOD	CRITERIA	RESULTS
Surface Burning Characteristics	ASTM E 84	All components shall have a: Flame Spread $\leq$ 25 Smoke Developed $\leq$ 450	Passed

b. Durability

TEST	TEST METHOD	CRITERIA	RESULTS
Reinforcing Mesh **Alkali Resistance of Reinforcing Mesh**	ASTM E 2098	120 pli (> 21dN/cm) retained tensile strength after exposure	Passed
EPS (Physical Properties) **Density**	ASTM C 303, D 1622	0.95-1.25 lb/ft^3 (15.2-20.0 kg/m^3)	Passed
Thermal Resistance	ASTM C 177, C 518	4.0 @ 40 °F (4.4 °C) 3.6 @ 75 °F (23.9 °C)	Passed Passed
Water Absorption	ASTM C 272	2.5 % max. by volume	Passed
Oxygen Index	ASTM D 2863	24% min. by volume	Passed
Compressive Strength	ASTM D 1621 Proc. A	10 psi (69 kPa) min.	Passed
Flexural Strength	ASTM C 203	25 psi (172 kPa) min.	Passed
Flame Spread **Smoke Developed**	ASTM E 84 ASTM E 84	25 max. 450 max.	Passed Passed

1.05 SUBMITTALS

A. Product Data: The contractor shall submit to the owner/architect the manufacturer's product data sheets describing the products which will be used on this project.

B. Shop Drawings: The panel fabricator shall prepare and submit to the owner/architect complete drawings showing: wall layout, connections, details, expansion joints, and installation sequence.

C. Samples: The contractor shall submit to the owner/architect two (2) samples for each finish, texture and color to be used on the project. The same tools and techniques proposed for the actual installation shall be used. Samples shall be of sufficient size to accurately represent each color and texture being utilized on the project.

D. Warranty: When requested, a copy of the warranty shall be included in the submittal.

1.06 QUALITY ASSURANCE

A. Qualifications

1. Metalite Panel System components shall be supplied by Dryvit Systems, Inc.
2. Fabricator: Shall be authorized by Dryvit Systems, Inc. and knowledgeable in the proper fabrication of the Metalite Panel System.
3. Panel Erector: Shall be the panel fabricator, or approved by and under the direct supervision of the panel fabricator, and shall be experienced and competent in the installation of architectural wall panel systems.
4. Insulation Board Manufacturer: Shall be authorized by Dryvit to produce the insulation board in accordance with current Dryvit specifications DS131 and shall subscribe to the Dryvit Third Party Certification and Quality Assurance Program.
5. Sealant Contractor: Shall be experienced and competent in the installation of high performance industrial and commercial sealants.
6. Machine Coated Dryvit EPS Shapes and Starter Boards: Shall be supplied by Acrocore or other manufacturer that subscribes to the Dryvit third party certification and quality assurance program.

B. Regulatory Requirements

1. The EPS shall be separated from the interior of the building by a minimum 15-minute thermal barrier.
2. The use of and maximum thickness of the insulation board shall be in accordance with the applicable building code(s).

1.07 DELIVERY, STORAGE AND HANDLING

A. At the Metalite panel fabrication location and job site, the panels shall be stored under cover, well ventilated, with entire panel protected from weather, excessive heat, dust, dirt, and ponding water.

B. Panels shall be stored so as to prevent damage or distortion.

C. Positive means shall be employed to protect panel edges from damage during handling and transport.

1.08 SEQUENCING AND SCHEDULING

A. Installation of the Metalite Panel System shall be coordinated with other construction trades.

1.09 WARRANTY

A. Dryvit Systems, Inc. provides a comprehensive set of warranties for the Metalite Panel System. Contact your local Dryvit representative for complete details.

1.10 DESIGN RESPONSIBILITY

A. It is the responsibility of both the specifier and the purchaser to determine if a product is suitable for its intended use. The panel fabricator selected by the purchaser shall be responsible for coordinating with the building designer all decisions pertaining to design, detail, structural capability, attachment details, shop drawings and the like. Dryvit has prepared guidelines in the form of specifications, installation details, and product data sheets to facilitate the design process only. Dryvit is not liable for any errors or omissions in design, detail, structural capability, attachment details, shop drawings, or the like, whether based upon the information prepared by Dryvit or otherwise, or for any changes which purchasers, specifiers, designers, or their appointed representatives may make to Dryvit's published comments.

1.11 MAINTENANCE

A. All Dryvit products are designed to be virtually maintenance free. However, as with all building products, depending on location, some cleaning may be required. See Dryvit Publication DS152 on cleaning and recoating.

B. Sealants and flashings shall be inspected on a regular basis and repairs made as necessary.

PART II PRODUCTS

2.01 - GENERAL

A. All components of the Metalite panels shall be supplied or obtained from Dryvit or its authorized distributors. Substitutions or additions of materials other than specified will void the warranty.

2.02 COMPONENTS

A. Metalite substrate: A proprietary roll formed profile decking shall meet ASTM A653 with G90 galvanizing.

B. Insulation Board: Expanded Polystyrene meeting Dryvit Specification for Insulation Board, DS131.
   1. Thickness of insulation board shall be minimum 1 in (25 mm).
   2. The insulation board shall be manufactured by a board supplier listed by Dryvit Systems, Inc.

C. Machine Coated Dryvit EPS Shapes and Starter Boards: Shall be supplied by Acrocore or other manufacturer that subscribes to the Dryvit third party certification and quality assurance program.

D. Base Coat: Shall be compatible with the EPS insulation board and reinforcing mesh(es).
   1. Cementitious: A liquid polymer-based material, which is field mixed with Portland cement.
      a. Shall be or Genesis
   2. Ready mixed: A dry blend cementitious, copolymer-based product, field mixed with water.
      a. Shall be Genesis DM, Genesis DMS.
   3. ShieldIt™: A 2-pass base coat used over existing EIFS or a Dryvit reinforced base coat to improve impact resistance against woodpeckers when specified.

E. Reinforcing Mesh: A balanced, open weave, glass fiber fabric treated for compatibility with other system materials. **NOTE: Reinforcing meshes are classified by impact resistance and specified by weight and tensile strength as listed in Section 1.04.D.1.d.**
   1. Shall be Standard, Standard Plus, Intermediate, Panzer 15, Panzer 20, Detail and Corner Mesh.
   2. Shall be colored blue for product identification bearing the Dryvit logo.

F. Finish: Shall be the type, color and texture as selected by the architect/owner and shall be one or more of the following:
   1. Standard DPR (Dirt Pickup Resistance): Water-based, acrylic coating with integral color and texture and formulated with DPR chemistry:
      a. Quarzputz® DPR: Open-texture
      b. Sandblast®DPR: Medium texture
      c. Freestyle® DPR: Fine texture
      d. Sandpebble® DPR: Pebble texture
      e. Sandpebble® Fine DPR: Fine pebble texture
   2. Hydrophobic (HDP™) Finishes: 100% acrylic coating with integral color and texture and formulated with hydrophobic properties:
      a. Quarzputz® HDP
      b. Sandblast® HDP
      c. Sandpebble® HDP
      d. Sandpebble® Fine HDP
      e. Lymestone™ HDP
   3. **E**: Water-based, lightweight acrylic coating with integral color and texture and formulated with DPR chemistry:
      a. Quarzputz® **E**
      b. Sandpebble® **E**
      c. Sandpebble® Fine **E**

4. Specialty Finishes and Veneers:
   a. Ameristone: Multi-colored quartz aggregate with a flamed granite appearance.
   b. Stone Mist®: Ceramically colored quartz aggregate.
   c. Custom Brick: Acrylic polymer-based finish used in conjunction with a proprietary template system to create the look of stone, brick, slate or tile.
   d. TerraNeo: 100% acrylic-based finish with large mica chips and multi-colored quartz aggregates.
5. Elastomeric DPR (Dirt Pickup Resistance): Water- based, elastomeric acrylic coating with integral color and texture and formulated with DPR chemistry:
   a. Weatherlastic® Quarzputz
   b. Weatherlastic® Sandpebble
   c. Weatherlastic® Sandpebble Fine
   d. Weatherlastic® Adobe
6. Medallion Series PMR™ (Proven Mildew Resistance): Water-based, acrylic coating with integral color and texture and formulated with PMR chemistry:
   a. Quarzputz® PMR
   b. Sandblast® PMR
   c. Freestyle® PMR
   d. Sandpebble® PMR
   e. Sandpebble® Fine PMR
7. Coatings, Primers and Sealers:
   a. Demandit® Smooth
   b. Demandit® Sanded
   c. Demandit® Advantage™
   d. HDP™ Water-Repellent Coating
   e. Weatherlastic® Smooth
   f. Tuscan Glaze™
   g. Color Prime
   h. Prymit®
   i. SealClear™

PART III – EXECUTION

3.01 EXAMINATION

A. Prior to installation of the Metalite panels, the architect or general contractor shall ensure that all needed flashings and other waterproofing details have been completed, if such completion is required prior to the Metalite panel application. Additionally, the contractor shall ensure that:
   1. Metal roof flashing has been installed in accordance with the manufacturer's requirements, Asphalt Roofing Manufacturers Association (ARMA) Standards and Dryvit Metalite Installation Details, DS112, or as otherwise necessary to maintain a watertight envelope.
   2. Openings are flashed in accordance with the contract documents, Dryvit Metalite Installation Details, DS112, or as otherwise necessary to prevent water penetration.
   3. Chimneys, balconies and decks have been properly flashed.
   4. Windows, doors, etc. are installed and flashed per contract documents, manufacturer's requirements and the Dryvit Metalite Installation Details, DS112.

B. Prior to the installation of the Metalite panels, the contractor shall notify the general contractor, and/or architect, and/or owner of all discrepancies.

3.02 PREPARATION

A. The Metalite Panel materials shall be protected by permanent or temporary means from inclement weather and other sources of damage prior to, during, and following installation until all permanent flashings and sealants installed.

B. Protect adjoining work and property during Metalite Panel installation.

3.03 INSTALLATION

A. The Metalite panels shall be installed in accordance with approved shop drawings.
B. Dryvit Metalite panel base coat surfaces in contact with sealant shall be coated with Demandit Smooth or Color Prime.
C. The installation of Machine Coated Dryvit EPS Shapes and Starter Boards shall be in accordance with Dryvit Publication DS854.

3.04 FIELD QUALITY CONTROL

A. The contractor shall be responsible for the proper storage and application of the Metalite panel materials.
B. Dryvit assumes no responsibility for on-site inspections or application of its products.
C. If required, the contractor shall certify in writing the quality of work performed relative to the substrate system, details, installation procedures, workmanship and as to the specific products used.
D. If required, the EPS supplier shall certify in writing that the EPS meets Dryvit's specifications.
E. If required, the sealant contractor shall certify in writing that the sealant application is in accordance with the sealant manufacturer's and Dryvit's recommendations.

3.05 CLEANING

A. All excess Metalite panel materials shall be removed from the job site by the contractor in accordance with contract provisions and as required by applicable law.
B. All surrounding areas, where the Metalite panels have been installed, shall be left free of debris and foreign substances resulting from the contractor’s work.

3.06 PROTECTION

A. The building shall be protected from inclement weather and other sources of damage until permanent protection in the form of flashings, sealants, etc. are installed.

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For more information on Dryvit Systems or Continuous Insulation, visit these links.

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