



PART I – GENERAL

1.01 SUMMARY

A. This document is to be used in preparing specifications for projects utilizing the Master Wall Inc. Aggre-flex Drainage Class PB (polymer-based) drainage type Exterior Insulation and Finish System (EIFS) designed to provide drainage of incidental water entering the system. Related Master Wall Inc. documents:

1. Master Wall Inc. Aggre-flex Drainage System Data Sheet
2. Master Wall Inc. Aggre-flex Drainage System Application Instructions
3. Master Wall Inc. Aggre-flex Drainage System Installation Details
4. Master Wall product data sheets

B. Related Sections

1. Unit Masonry – Section 04200
2. Concrete – Sections 03300 and 03400
3. Light Gauge Cold Formed Steel Framing – Section 05400
4. Wood Framing – Section 06100
5. Sealant – Section 07900
6. Flashing – Section 07600

1.02. REFERENCES

A. Section Includes

1. ASTM B 117 (Federal Test Standard 141A Method 6061) Standard Practice for Operating Salt Spray (Fog) Apparatus
2. ASTM C 150 Standard Specification for Portland Cement
3. ASTM C 297 Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions
4. ASTM C 1177 Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing
5. ASTM C 1396 (formerly C 79) Standard Specification for Gypsum Board
6. ASTM D 968 (Federal Test Standard 141A Method 6191) Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
7. ASTM D 2247 (Federal Test Standard 141A Method 6201) Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity
8. ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
9. ASTM D 968 Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive
10. ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials
11. ASTM E 330 Test Method for Structural Performance of Exterior Windows, Doors and Curtain Walls by Uniform Static Air Pressure Difference
13. ASTM E 331 Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference.



14. 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
15. 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)
16. ASTM G 53 Practice for Operating Light- and Water-Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Nonmetallic Materials
17. ASTM G23 Standard Practice for Operating Light-Exposure Apparatus (Carbon-Arc Type) with and without Water for Exposure of Nonmetallic Materials
18. UBC Std 26-9 (Alternative to UBC 17-6) Intermediate Scale Multi-Story Fire Evaluation of Exterior Non Load-Bearing Foam Plastic Insulated Wall Systems
19. NFPA 268 Standard Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source.

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. Contractor: The contractor that installs the Aggre-flex Drainage System to the substrate.
- D. Master Wall Inc.: the manufacturer of the Aggre-flex Drainage System.
- E. Expansion Joint: A structural discontinuity in the Aggre-flex Drainage 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, which is affixed to the substrate.
- H. Panel Erector: The contractor who installs the panelized Aggre-flex Drainage System.
- I. Panel Fabricator: The contractor who fabricates the panelized Aggre-flex Drainage System.
- J. Reinforcing Mesh: Glass fiber mesh(es) used to reinforce the base coat and to provide impact resistance.
- K. Sheathing: A substrate in sheet form.
- L. Substrate: The material to which the Aggre-flex Drainage System is affixed.
- M. Substrate System: The total wall assembly including the attached substrate and water barrier to which the Aggre-flex Drainage System is affixed.



1.04 SYSTEM DESCRIPTION

A. General: The Master Wall Inc. Aggre-flex Drainage System is an Exterior Insulation and Finish System, Class PB, consisting of mechanical attachment, expanded polystyrene insulation board, base coat, reinforcing mesh(es) and finish. The System shall be attached over an approved water barrier and substrate in accordance with the Aggre-flex Drainage application Details. Available options such as Master Wall Drainage Insulation Board or drainage mat can also be incorporated into the wall assembly as noted in these specifications and contract documents.

B. Methods of Installation

1. Field Applied: The Aggre-flex Drainage System is applied to the substrate system in place.
2. Panelized: The Aggre-flex Drainage System is shop-applied to the prefabricated wall panels.

C. Design Requirements

1. Acceptable substrates for the Aggre-flex Drainage System shall be:
 - a. Exterior grade gypsum sheathing meeting ASTM C 1396 (formerly C 79) requirements for water-resistant core or Type X core at the time of application of the Aggre-flex Drainage System.
 - b. Exterior sheathing having a water-resistant core with fiberglass mat facers meeting ASTM C 1177.
 - c. Exterior fiber reinforced cement or calcium silicate boards.
 - d. APA Exterior or Exposure 1 Rated Plywood, Grade C-D or better, nominal 12.7 mm (1/2 in), minimum 4-ply.
 - e. Unglazed, unpainted brick, cement plaster, concrete, or masonry.
 - f. APA Exposure 1 rated Oriented Strand Board (OSB) or plywood, nominal 12.7 mm (1/2 in).
 - g. Galvanized expanded metal lath 1.4 or 1.8 kg/m² (2.5 or 3.4 lbs/yd²) installed over a solid substrate.
2. Acceptable weather resistive barriers for the Aggre-flex Drainage System shall be:
 - a. Code approved weather resistive barrier or a code-recognized equivalent such as Tyvek® StuccoWrap® shall be installed over substrate on all exterior walls before application of system begins in accordance with the manufacturer's recommendations.
 - b. Weather resistive barrier shall be installed horizontally with upper layers overlapping lower layers a minimum of 2". Vertical joints shall overlap a minimum of 6"
 - c. Wrap weather resistive barrier into rough openings at windows, doors, mechanical equipment, and any other openings through the system. Overlap sill flashing tape at jambs at least 2". Reference Master Wall Inc.'s details and technical bulletins for additional information.
 - d. Lap weather resistive barrier over attachment flange of drainage track a minimum of 2".



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3. Acceptable drainage mat materials for the Aggre-flex Drainage System shall be:
 - a. Colbond® (Enka®) drainage mats as defined in Master Wall Technical Bulletin #126.
 - b. Benjamin Obdyke® Homeslicker® drainage mat.
 - c. Minimum 2.5#/sy metal lath (note: The Aggre-flex Drainage System could be adhered to metal lath).
 - d. Install drainage mat materials in accordance with manufacturer's details and/or accepted industry practices.
4. Deflection of substrate systems shall not exceed 1/240 times the span.
5. The substrate shall be flat within 6.4 mm (1/4 in) in a 3.05 m (10 ft) radius.
6. The slope of inclined surfaces shall not be less than 6:12, and the length shall not exceed 305 mm (12 in).
7. All areas requiring an impact resistance classification higher than "standard", as defined by ASTM E 2486 (formerly EIMA Std. 101.86), shall be as detailed in the drawings and described in the contract documents.
8. Expansion Joints
 - a. Design and location of expansion joints in the Aggre-flex Drainage System is the responsibility of the project designer and shall be noted on the project drawings. As a minimum, expansion joints shall be placed at the following locations:
 - 1) Where expansion joints occur in the substrate system.
 - 2) Where building expansion joints occur.
 - 3) At floor lines in wood frame construction (Reference Technical Bulletin #140).
 - 4) At floor lines of non-wood framed buildings where significant movement is expected.
 - 5) Where the Aggre-flex Drainage System abuts dissimilar materials.
 - 6) Where the substrate type changes
 - 7) Where prefabricated panels abut one another
 - 8) In continuous elevations at intervals not exceeding 23 m (75 ft).
 - 9) Where significant structural movement occurs such as changes in roofline, building shape or structural system.
9. Terminations
 - a. Interior foam expanding foam sealant may be required behind penetration openings.
 - b. The Aggre-flex Drainage System shall be held back from adjoining materials around openings and penetrations such as windows, doors and mechanical equipment a minimum of 12.7 mm (1/2 in) for sealant application. Sealant joints shall be properly sized and designed for their anticipated movement (Reference Master Wall Inc. Technical Bulletins #148 & 149).
 - c. The system shall be terminated a minimum of 152 mm (6 in) above finished grade.



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d. Sealants

- 1) Shall be manufactured and supplied by others.
- 2) Shall be compatible with Aggre-flex Drainage System materials. Refer to current Master Wall Inc. Technical Bulletin #131 for listing of sealants approved by sealant manufacturer for use with EIFS.
- 3) The sealant backer rod shall be of closed cell.

10. Vapor Retarders and barriers – The use and location of vapor retarders and/or barriers within a wall assembly is the responsibility of the project designer and shall comply with local building code requirements.

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. 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 Aggre-flex Drainage System and wall system.

D. Performance Requirements

1. The Aggre-flex Drainage System shall have been tested as follows:

a. Durability

TEST	TEST METHOD	CRITERIA
Abrasion Resistance	ASTM D968	No deleterious effects after 500 liters (528 quarts)
Accelerated Weathering	ASTM G53	No deleterious effects after 2000 hours
	ASTM G23	
Freeze-Thaw	ICBO/ICC AC 24	No deleterious effects after 60 cycles
	ASTM C67 mod.	No deleterious effects after 60 cycles
Mildew Resistance	ASTM D 3273	No growth during 28 day exposure period
Water Resistance	ASTM D 2247	No deleterious effects after 14 days exposure
Salt Spray Resistance	ASTM B 117	No deleterious effects after 300 hours exposure
Water Penetration	ASTM E 331 ICC ES (AC 219)	No water penetration beyond the inner-most plane of the wall after 2 hours at 299 Pa (6.24 psf)
Drainage Efficiency	ICC-ES Acceptance Criteria	97%

b. Structural

TEST	TEST METHOD	CRITERIA
Tensile Bond	ASTM C 297/E 2134	Minimum 104 kPa (15 psi) – substrate or insulation failure
Transverse Wind Load	ASTM E 330	Withstand positive and negative wind loads as specified by the building code



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c. Impact Resistance: In accordance with ASTM E 2486 (formerly EIMA Standard 101.86).

Reinforcing g/m ² (oz/yd ²)	Mesh	Weight	Minimum Strengths	Tensile	EIMA Classification	Impact Range Joules	Impact (in-lbs)
Standard - 153 (4.5)			27 g/cm (150 lbs/in)		Medium	6-10	(50-89)
Hi-Tech - 203 (6)			36 g/cm (200 lbs/in)		Medium	6-10	(50-89)
Medium - 353 (10.4)			45 g/cm (250 lbs/in)		Medium	6-10	(50-89)
Medium - 353 (10.4), with Standard Mesh			45 g/cm (250 lbs/in)		High	10-17	(90-150)
Strong - 509 (15), with Standard Mesh			71 g/cm (400 lbs/in)		High	10-17	(90-150)
Ultra - 695 (20.5), with Standard Mesh			712 g/cm (550 lbs/in)		Ultra High	>17	(>150)
Detail Mesh - 153 (4.5)			27 g/cm (150 lbs/in)		n/a	n/a	n/a

d. Fire performance

TEST	TEST METHOD	CRITERIA
Fire Resistance	ASTM E119	No effect on the fire resistance of a rated wall assembly
Surface Burning Characteristics	ASTM E84	Flamespread – 0, Smoke Developed 0
Radiant Heat Test	BOCA 99, Section 1407.0	Average heat flux values within the 2.5% required to pass test
Intermediate Multi-Story Fire Test	NFPA 285 (UBC 26-9)	<ol style="list-style-type: none"> 1. Resist flame propagation over the exterior surface 2. Resist vertical spread of flame within combustible core/component of panel from one story to the next 3. Resist vertical spread of flame over the interior surface from one story to the next 4. Resist lateral spread of flame from the compartment of fire origin to adjacent spaces

1.05 SUBMITTALS

- A. Product Data – The contractor shall submit to the owner/architect the manufacturer’s product data sheets describing products, which will be used on this project.
- B. Shop Drawing for Panelized Construction: 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 of the Aggre-flex Drainage System 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. Test Reports – When requested, the contractor shall submit to the owner/architect copies of selected test reports verifying the performance of the Aggre-flex Drainage System.



1.06 QUALITY ASSURANCE

A. Qualifications

1. System Manufacturer: Shall be Master Wall Inc. All materials shall be manufactured or sold by Master Wall Inc. and shall be purchased from Master Wall Inc. or its authorized distributors.
2. Contractor: Shall be knowledgeable in the proper installation of the Master Wall Inc. Aggre-flex Drainage System and shall be experienced and competent in the installation of Exterior Insulation and Finish Systems. Additionally, the contractor shall possess a current Master Wall Inc. applicator certificate issued by Master Wall Inc.
3. Insulation Board Manufacturer: Shall be approved by Master Wall Inc., shall be capable of producing the Expanded Polystyrene (EPS) in accordance with current Master Wall Inc. specification and code requirements and have a third party quality assurance program in place.

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 and maximum thickness of EPS shall be in accordance with the applicable building codes.

C. Certification

1. The Aggre-flex Drainage System shall be recognized for the intended use by the applicable building code(s).

D. Mock-Up

1. The contractor shall, before the project commences, provide the owner/architect with a mock-up for approval.
2. The mock-up shall be of suitable size as required to accurately represent the products being installed, as well as each color and texture to be utilized on the project.
3. The mock-up shall be prepared with the same products, tools, equipment and techniques required for the actual application. The finish used shall be from the same batch that is being used on the project.
4. The approved mock-up shall be available and maintained at the job site.
5. For panelized construction, the mock-up shall be available and maintained at the panel fabrication location.

1.07 DELIVERY, STORAGE AND HANDLING

- A. All Master Wall Inc. materials shall be delivered to the job site in the original, unopened packages with labels intact.
- B. Upon arrival, materials shall be inspected for physical damage, freezing, or overheating. Questionable materials shall not be used.
- C. Deliver all materials in original unopened packages with labels intact. Verify all quantities, colors, and textures against bill of lading.
- D. Store all materials protected from direct exposure to weather conditions and at temperatures not less than 40° F (4° C) or greater than 110° F (43° C).
- E. Stack insulation board flat, fully supported off the ground and protected from direct exposure to the sun.



F. Material safety data sheets (MSDS) shall be supplied for the components of the EIFS and be available at the job site.

1.08 PROJECT CONDITIONS

A. Ambient air temperatures shall be 40° F (4° C) or greater and rising at the time of installation of the Master Wall Inc. products and shall remain at 40° F (4° C) or greater for at least 24 hours after application.

B. Provide supplemental heat and protection as required when the temperature and conditions are not in accordance with installation requirements. Sufficient ventilation and time shall be provided to ensure that materials have sufficiently dried prior to removing supplemental heat.

C. Adequate protection shall be provided to prevent weather conditions (humidity, temperature, and precipitation) from having an affect on the curing or drying time of Master Wall Inc. materials.

D. Adjacent materials and the Aggre-flex Drainage System shall be protected during installation and while curing from weather and shall be protected from site damage.

E. Coordinate installation of the Aggre-flex Drainage System with related work specified in other sections to ensure that the wall assembly is protected to prevent water from getting behind the system. The cap flashing shall be installed as soon as possible after the finish coat has been applied. When this is not possible, temporary protection shall be provided immediately in this area.

F. All sealant work shall be installed in a timely manner. Protect open joints from water intrusion during construction with backer rod, or temporary covering, until permanently sealed.

G. Sufficient manpower and equipment shall be employed to ensure a continuous operation, free of cold joints, scaffolding lines, and texture variations, etc.

H. Existing Conditions - The contractor shall have access to electric power, clean water, and a clean work area at the location where the Master Wall Inc. materials are to be applied.

1.09 SEQUENCING AND SCHEDULING

A. Installation of the Aggre-flex Drainage System shall be coordinated with other construction trades.

B. Sufficient manpower and equipment shall be employed to ensure a continuous operation, free of cold joints, scaffold lines, texture variations, etc.

1.10 LIMITED MATERIALS WARRANTY

A. Master Wall Inc. shall provide a limited warranty against defective material upon written request. Master Wall Inc. shall make no other warranties, expressed or implied. Master Wall Inc. does not warrant workmanship. Full details are available from Master Wall Inc.

B. The applicator shall warrant workmanship separately if required. Master Wall Inc. shall not be responsible for workmanship associated with installation of the Aggre-flex Drainage System.



1.11 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 designer selected by the purchaser shall be responsible for all decisions pertaining to design, detail, structural capability, attachment details, shop drawings and the like. Master Wall Inc. has prepared guidelines in the form of specifications, installation details and product sheets to facilitate the design process only. Master Wall Inc. 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 Master Wall Inc. or otherwise, or for any changes which purchasers, specifiers, designers, or their appointed representatives may make to Master Wall Inc.'s published comments.

1.12 MAINTENANCE

A. Maintenance and repair shall follow the procedures noted in Master Wall Inc. Technical Bulletins #112 and #129.

PART II – PRODUCTS

2.01 MANUFACTURER

A. All components of the Aggre-flex Drainage System shall be supplied or obtained from Master Wall Inc. or its authorized distributors. Substitutions or additions of materials other than specified will void the warranty.

2.02 MATERIALS

A. Portland Cement: Shall be Type I or II, meeting ASTM C 150, white or gray in color, fresh and free of lumps.

B. Water: Shall be potable, clean and free of foreign matter.

C. Mechanical Fasteners for mechanically attached systems: Shall be Wind-lock's Wind Devil™ plates, or Master Wall Inc. approved equivalent, used in conjunction with corrosion resistant fasteners appropriate for the substrate system.

D. Metal Flashing Components: Complying with SMACNA Recommendations. Reference Section 07620.

E. Sealant Systems: Reference Sealant Specification, Section 07900.

F. Window & Door Systems: Detailed by the designer and suitable for EIFS. Reference Section 08000.

2.03 COMPONENTS

A. Starter Tracks/Drainage Tracks

1. Vinyl Corp. PB Starter Strip/Casing Bead product # CBS 150-16W or Plastic Components Starter Trac® product # STWP-15 shall be used in accordance with Master Wall Inc. details.
2. Alternate termination methods may be used in accordance with Master Wall Inc. details.



B. Insulation Board

1. Insulation Board shall meet or exceed ASTM C-578 and Master Wall Inc.'s requirements for MEPS.
2. Nominal 1.0 pcf, aged expanded polystyrene.
3. Flamespread and smoke development shall be 25 and 450 or less respectively per ASTM E-84.
4. Maximum size 2'x4'x4". Refer to actual contract documents to determine actual insulation board thickness.
5. Optional Master Wall Drainage Insulation Board, 40 mm (1-1/2 in.) minimum thickness to 102 mm (4 in) maximum thickness.

C. Mechanical Fasteners and Plastic Washers

1. The Wind-Devil 2 plate or approved equal shall be used with the appropriate corrosion-resistant fastener shall be used to meet the requirements of the specific project, local building code and the anticipated wind loads.

D. Reinforcing Mesh

Open weave glass fiber fabric, treated for alkaline resistance and compatibility with Master Wall Base Coats, and conforming ASTM D-76, D-579, D-5035, MIL-Y-1140 and meeting a minimum Medium Impact Resistance (50-89 in-lbs) when tested to EIMA 101.86 Impact Resistance Standards.

1. Detail Mesh
2. Standard Mesh
3. Hi-Tech Mesh
4. Medium Mesh
5. Strong Mesh
6. Ultra Mesh

E. Base Coats

1. Master Wall Inc. Foam & Mesh (F&M) Adhesive: An acrylic-based product mixed one-to-one by weight with Portland cement designed for use with reinforcing mesh as the base coating over the insulation board.
2. Master Wall Bagged Base Coat (MBB): A polymer based cementitious product mixed with 5 to 6 quarts of water for use as an adhesive and base coating over the insulation board.
3. F&M Plus: An acrylic-based high build product mixed one-to-one by weight with Portland cement designed for use with reinforcing mesh as the base coating over the insulation board. (This product shall be used where indicated on the construction drawings when a leveling base coat is required.)
4. Expanded Polystyrene Base (EPSB): a 100% pure acrylic polymer based noncementitious base coat.



F. Water Resistant Adhesive & Base Coat

1. Guardian – An acrylic-based product mixed one-to-one by weight with Portland cement for use as the adhesive to bond insulation board to an approved substrate and/or as a base coat with reinforcing mesh over insulation board. (This product should be used as designated on the construction drawings where additional resistance to moisture is needed.)

G. Superior Finish: Master Wall Inc.'s Superior Finishes are acrylic-based wall coatings available in a variety of colors and textures. The following textures are available:

1. Perfect - riled texture
2. Spray – sand type texture
3. R-Coarse – coarse riled texture
4. Desert Sand – coarse sand texture
5. Refinish – Fine texture used to create numerous finishes
6. Superior Stone/Aggre-stone Specialty Finishes

Note: The above textures excluding Superior Stone and Superior Stone Finishes are also available in the Superior Silicone Coat product line and the Superior Elastomeric Coat product line. Superior Silicone Coat combines acrylic and the siloxane polymers to provide the maximum resistance to moisture. Superior Elastomeric Coat utilizes elastomeric polymers to enable the finishes to bridge minor cracking.

PART III – EXECUTION

3.01 EXAMINATION

A. Prior to installation of the Aggre-flex Drainage System, the contractor shall verify that the substrate and water barrier:

1. Is of a type listed in Section 1.04.C.1.
2. Is installed to shed water in accordance with Section 1.04.C.2.
3. Is flat within 6.4 mm (1/4 in) in a 1.2 m (4 ft) radius.
4. Is sound, dry, connections are tight, has no surface voids, projections or other conditions that may interfere with the Aggre-flex Drainage System installation or performance.

B. Prior to the installation of the Aggre-flex Drainage System, the architect or general contractor shall insure that all needed flashings and other waterproofing details have been completed, if such completion is required prior to the Aggre-flex Drainage application. Additionally, the Contractor shall ensure that:

1. Metal roof flashing has been installed in accordance with Asphalt Roofing Manufacturers Association (ARMA) Standards.
2. Openings are flashed in accordance with the Aggre-flex Drainage System Installation Details 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 manufacturer's requirements and the Aggre-flex Drainage System Installation Details.



C. Prior to the installation of the Aggre-flex Drainage System, the contractor shall notify the general contractor, and/or architect, and/or owner of all discrepancies.

3.02 PREPARATION

- A. The Aggre-flex Drainage materials shall be protected by permanent or temporary means from inclement weather and other sources of damage prior to, during, and following application until completely dry.
- B. Protect adjoining work and property during Aggre-flex Drainage installation.
- C. The substrate shall be prepared as to be free of foreign materials, such as, oil, dust, dirt, form release agents, efflorescence, paint, wax, water repellants, moisture, frost and any other condition that inhibit adhesion.

3.03 INSTALLATION

- A. The system shall be installed in accordance with the current Master Wall Inc. Aggre-flex Drainage System Application Instructions.
- B. The overall minimum base coat thickness shall be sufficient to fully embed the mesh.
- C. Sealant shall not be applied directly to textured finishes.
- D. When installing the Aggre-flex Drainage System, mechanically attach according to Master Wall Inc. and local requirements.
- E. High impact meshes shall be installed as specified at ground level, high traffic areas and other areas exposed to or susceptible to impact damage.

3.04 FIELD QUALITY CONTROL

- A. The contractor shall be responsible for the proper application of the Aggre-flex Drainage materials.
- B. Master Wall Inc. 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 Master Wall Inc.'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 Master Wall Inc.'s recommendations.

3.05 CLEANING

- A. All excess Aggre-flex Drainage System 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 Aggre-flex Drainage System has been installed, shall be left free of debris and foreign substances resulting from the contractor's work.



3.06 PROTECTION

A. The Aggre-flex Drainage System shall be protected from inclement weather and other sources of damage until dry and permanent protection in the form of flashings, sealants, etc. are installed.

Disclaimer

This Specification is published for general informational purposes only and is not intended to imply that these are the only materials, procedures, or methods, which are available or suitable. Materials, procedures, or methods may vary according to the particular circumstances, local building code requirements, design conditions, or statutory and regulatory requirements. While the information in this specification is believed to be accurate and reliable, it is presented without guarantee or responsibility on the part of Master Wall Inc.