



Sec. 07240

PB System

Exterior Insulation Finish System
(EIFS)

System Name: Deco-Drain Release System (DDRS) Drainage Blanket
System Type: Water Drainage

Part 1: GENERAL

1.01 Summary Of Work

- A. The registered Decoplast contractor will provide all labor, material and equipment necessary to properly install the field applied or panelized Deco-Drain Release System (DDRS) Drainage Blanket.
- B. All materials, unless indicated, shall be manufactured or approved by Decoplast, Inc. and shall be installed as per the current application instructions.

1.02 Related Work Sections

(Products installed but not supplied under this section)

- A. Section 06062 – Exterior Rated Plywood
- B. Section 07920 – Sealants, Caulking and Seals
- C. Section 07620 – Steel Metal Flashing and Trim
- D. Section 07200 – Insulation
- E. Section 07195 – Air Infiltration Barriers
- F. Section 07100 – Waterproofing and Dampproofing
- G. Section 06100 – Rough Carpentry

1.03 Submittals

- A. Submit system data on Deco-Drain Release System:
 - Components
 - Shop Drawings
 - System Samples
 - Applicator Approval Certificate
 - Manufacturer's Application Instructions

1.04 Quality Assurance Procedures

- A. The manufacturer - Shall have experience producing and supplying product to the EIFS industry for a minimum of 5 years, with more than 1,000 successfully completed projects.
- B. Current code requirements - Shall be submitted for acceptance for the project's geographical region.
- C. Job site mock-ups shall be constructed for each texture and color, using the same tools and techniques as the actual application.

1.05 Delivery, Storage and Handling

- A. All Decoplast products provided shall be delivered in unopened packaging with clearly marked labels.
- B. All Decoplast materials shall be stored in a dry temperature controlled environment. The materials must be protected from: rain, freezing, high temperature and direct sunlight.

1.06 Sequencing and Scheduling

- A. Schedule the installation of the Deco-Drain Release System (DDRS) accordingly, with other related work on project. This is to ensure protection from adverse weather or abuse during construction.
- B. Acceptable ambient and surface temperatures range between 45°F and 100°F.

1.07 Warranty

- A. Decoplast, Inc. provides a 7 year system warranty for the successful, proper Installation of the Deco-Drain Release System (DDRS).
- B. Consult a Decoplast professional for the qualifications necessary to meet warranty requirements.

Part 2: PRODUCTS

2.01 Manufacturers

- A. Deco-Drain Release System a Class PB System is manufactured by Decoplast Systems, Inc.

2.02 Materials

- A. Decoplast Basecoat® – Dry mix base coat containing Portland cement.
- B. Decoplast Rasaplast® - Non-cementitious 100% acrylic based polymer base coat.
- C. Decoplast® Liquid Base Coat– Mixed 1:1 by weight with Portland cement type I or II.
- D. Decoplast® Textured Finishes – A ready-mixed 100% acrylic polymer material namely, Genova, Graffiato, Ispica, Marbleplast, San Remo, Taormina and Trieste finishes are also available in silicone and elastomeric versions.
- E. Decoplast® Reinforcing Mesh – Various weighted meshes are available ranging from 4.3oz to 21.9oz per sq. yd. The heavier the weight the greater the impact resistance.
- F. Decoplast® Insulation Board – An aged expanded polystyrene (EPS) In various thicknesses 1-1/2" minimum board profiled to meet Decoplast (DDRS) specifications.
- G. Fasteners – As recommended by Decoplast in conjunction with specific substrate.
- H. Weather Resistive Barrier – Tyvek StuccoWrap brand or an approved equivalent.
- I. Starter Track and Trim – Plastic Components brand or an approved equivalent.
- J. Decoplast Drainage Blanket- Entangled nylon filaments that provide drainage and ventilation.
- K. Deco Shield- Moisture protective tape.

Part 3: EXECUTION

3.01 Inspection

- A. Prior to application of the Deco-drain Release System, the framing assembly must comply with all applicable building code requirements. The substrate shall be inspected prior to the application so as to comply with Decoplast specifications. The General Contractor and/or Builder and/or Architect and/or Owner shall be notified of any unsatisfactory conditions and the application will not proceed until these conditions have been properly corrected.

3.02 Preparation

- A. It is necessary to take precautions and mask, cover and protect all surrounding areas from damage.
- B. All application in progress, not completely set, must be protected from moisture, debris and shadow lines.

3.03 Mixing

- A. All components of this system are to be mixed as per the manufacturer's instructions. No additives or unapproved products shall be added to any Decoplast product. All mixing containers must be clean and free of petroleum products and contaminants.

3.04 Installation

Install Deco-Drain Release System (DDRS) Drainage Blanket as per system specifications.

- A. Clean and remove all surface debris and contaminants.
- B. Fasten weeping starter track to the substrate at wall base, window heads, terminations and penetrations as per this system and the starter track manufacturer's specifications and recommendations.
- C. Install the weather resistive barrier in accordance with this system's details. The barrier must lap into the drainage starter track to ensure the proper drainage path.
- D. All windows, doors and penetration must be wrapped Deco-Shield protective tape to insure proper sealing of these openings.
- E. Attach Decoplast Drainage Blanket over the entire sealed substrate lapping the bottom into the drainage starter track.
- F. The Decoplast insulation board must be installed horizontally in a running bond pattern never aligning the board joints. The insulation board must be mechanically fastened with Decoplast approved fasteners, 1 fastener minimum per square foot. Boards must be tightly abutted. Any spaces must be filled with insulation slivers and then the entire surface must be rasped.
- G. The Decoplast base coat and reinforcing mesh must be applied to embed the reinforcing mesh without viability. All windows and, inside and outside corners shall have multiple mesh layers as per the system specifications. Heavier types of mesh are to be used where additional impact resistance is required.
- H. The application of Decoplast colored primer is placed over the dried layer of base coat.
- I. Now the application of Decoplast colored Finish completes the process in this system.

3.05 Cleaning

- A. As soon as possible clean all surfaces and tools with clean water and mild soap.

3.06 Protection

- A. As soon as possible remove all debris from job site so not to damage all finished work.