



Sec. 07240

Exterior Insulation Finish System
(EIFS)

PB System

System Name: Deco- Thermal System (DTS) Grooved Foam

System Type: Water Drainage

Part 1: GENERAL

1.01 Summary Of Work

- A. The registered Decoplast contractor will provide all the labor, material and equipment necessary to properly install the field applied or panelized Deco- Thermal System (DTS).
- 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 09250 – Exterior Gypsum Sheathing
- 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- Thermal 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 submit for acceptance for the project's geographical region.

 - C. Job site mock-ups shall be constructed for each texture and color, using the same tool and techniques for 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 protect from rain, freezing, high temperature and direct sunlight.
- 1.06 Sequencing and Scheduling**
- A. Schedule the installation of the Deco- Thermal System (DTS) 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 40°F and 100°F.
- 1.07 Warranty**
- A. Decoplast, Inc. will provide a 5 year system warranty for the successful proper application of the Deco- Thermal System (DTS).

 - B. Consult a Decoplast professional for the qualifications necessary to meet warranty requirements.

Part 2: PRODUCTS

2.01 Manufacturers

- A. Deco- Thermal System (Class PB System) is manufactured by Decoplast, 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 siliconize and elastomeric formulations.

- 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 (1/2" to 4") profiled to meet Decoplast (DTS) specifications.
- G. Fasteners – As recommended by Decoplast in conjunction with specific substrate.
- H. Weather Resistive Barrier – WeatherTrek , Tyvek StuccoWrap brand or approved equivalent.
- I. Starter Track and Trim – Plastic Components brand or approved equivalent.
- J. Deco-Shield – Moisture protective tape.

Part 3: EXECUTION

3.01 Inspection

- A. Prior to application of the Deco-Thermal 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 manufacturer's mixing 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- Thermal System (DTS) as per system specifications.

- A. Clean substrate and remove all surface debris and contaminants. Attach weeping drainage track to wall base, window heads and any other location where termination and penetration will interrupt the drainage plane.
- B. Apply the Weather Trek barrier in accordance with this system's

release.

- C. All windows, doors and penetration must be wrapped Deco-Shield protective tape to insure proper sealing of these openings
- D. Decoplast Grooved Insulation Foam Board is to be mechanically fastened one fastener per square foot. The foam boards are to be arranged in a running bond pattern.
- E. EPS boards must be tightly abutted. Any spaces must be filled with insulation slivers and then the entire surface must be rasped.
- F. Decoplast base coat and reinforcing mesh must be applied to embed the reinforcing mesh without voids. The windows and inside and outside corners shall have multiple mesh layers as per the system's specifications. Heavier types of mesh are to be used where additional impact resistance is required.
- G. The application of Decoplast colored primer is placed over the dried layer of base coat.
- H. 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 the job site so as not to damage finished work.