System Information
Decoplast DAFS Over ICF – Direct Applied Finish System for Insulated Concrete Forms

DESCRIPTION: The Decoplast Direct Applied Finish System (DAFS) for Insulated Concrete Forms (ICF) is a high-performance exterior wall finishing solution specifically designed for use over approved ICF substrates. This system combines the energy efficiency and structural benefits of ICF construction with the durability, weather resistance, and design flexibility of Decoplast acrylic finishes. The system provides a seamless, impact-resistant decorative exterior cladding that enhances and protects ICF wall assemblies while delivering long-term aesthetic performance.

Available in a wide range of textures and colors, Decoplast DAFS over ICF offers an attractive exterior finish that is suitable for residential, commercial, institutional, and multifamily construction projects.

Features:

Basecoat Protection: The Decoplast basecoat provides a durable protective layer over ICF substrates, creating a smooth and uniform surface while enhancing weather resistance and long-term performance.

Fiberglass Mesh Reinforcement: Embedded fiberglass reinforcing mesh delivers increased tensile strength and impact resistance while minimizing cracking and improving system durability.

Acrylic Finish Technology: Advanced acrylic finishes are formulated to resist dirt pickup, UV degradation, and weathering, maintaining color consistency and appearance over time.

Energy Efficient Wall Assembly: When applied over approved ICF wall systems, the DAFS complements the thermal performance of the insulated concrete form assembly, contributing to enhanced building envelope efficiency.

Customizable Textures and Colors: A broad selection of finishes, aggregates, textures, and colors allows architects and designers the flexibility to achieve a variety of aesthetic objectives.

Ease of Application / Direct Application: The system is designed for direct application over approved ICF substrates using Decoplast basecoat, reinforcing mesh, and finish components.

User-Friendly Components: Factory-formulated system materials are designed for efficient installation, reducing labor complexity and improving application consistency.

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PERFORMANCE

FEATURES	BENEFITS
ICC-ESR 3428 listed and evaluated for applicable Decoplast systems and components	Section 07 24 23 Direct Applied Finish Systems (DAFS)
Compatible with approved ICF wall assemblies.	Designed for seamless application over approved Insulated Concrete Form (ICF) systems, providing a durable, weather-resistant exterior finish while preserving the energy efficiency and structural benefits of the ICF wall assembly.
Decoplast textured finishes, specialty finishes, metallic finishes, and custom colors.	Provides a durable, weather-resistant exterior finish that enhances long-term façade performance.
Substrate	Approved Insulated Concrete Form (ICF) systems installed in accordance with manufacturer requirements and applicable building codes.

PROPERTIES	
Compliance	IBC, IRC, IECC 2024, 2021, 2018, 2015, 2012 and 2009
Fire Resistance Rated Assemblies	ASTM E 84
Durability	Reinforced system designed to resist impact, weather exposure, and thermal movement
Warranty	5 to 10-Year Limited Warranty depending on system components

MAINTENANCE

To maintain optimum appearance, periodic cleaning is recommended. Any impact damage or surface cracking should be repaired promptly using approved Decoplast repair procedures. Sealants, flashings, and adjacent façade components should be maintained to prevent moisture intrusion. Recoating may be performed to refresh weathered finishes and extend service life.

APPLICATION PROCESS

Surface Preparation: The ICF substrate is inspected to ensure proper alignment, fastening, and surface condition. Surface irregularities are corrected as required.

Inspection: All construction joints, penetrations, flashings, and transitions are reviewed to verify compliance with project specifications and applicable codes.

Basecoat Application: A choice of Decoplast polymer-modified basecoat is applied over the ICF substrate to establish a continuous reinforced surface.

Mesh Embedding: Fiberglass reinforcing mesh is fully embedded into the wet basecoat to provide impact resistance and crack resistance.

Finish Coat: A Decoplast acrylic finish is applied in the selected texture and color to achieve the desired aesthetic appearance while providing additional weather protection.

WARNING

Read complete warning information printed on product containers before use. Refer to the applicable Safety Data Sheet (SDS) and Product Data Sheet (PDS) prior to installation. The most current SDS and PDS can be found on the Decoplast website. This document is intended to provide general guidance regarding proper use and installation under normal working conditions. Project-specific conditions may require modifications to standard installation procedures.

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LIMITED WARRANTY

This product is subject to a written limited warranty available from Greenmaker Industries. Refer to current Decoplast specifications, installation details, and warranty documentation for complete information regarding system requirements and coverage.

ATTENTION/IMPORTANT

This product is intended for use by qualified professional contractors as part of a complete wall assembly designed by a qualified design professional. Installation shall be performed in accordance with project specifications, applicable building codes, ICF manufacturer requirements, and Decoplast installation guidelines. Greenmaker Industries LLC disclaims responsibility for improper installation, design deficiencies, substrate conditions beyond its control, and the performance of adjacent building components. Improper application or use as part of an improperly designed assembly may result in damage to the system and/or building structure. For current product information, specifications, warranty requirements, and installation procedures, please visit: **www.decoplast.com**

Greenmaker Industries
697 Oakwood Avenue
West Hartford, CT 06110
860-761-2830

www.decoplast.com

Greenmaker Industries
5841 Jacaranda Drive, SE
Mableton, GA 30126
404-691-4000

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