

AkroGold DEF System

Direct Applied Exterior Finishing System

THE AKROGOLD DIRECT APPLIED EXTERIOR FINISHING SYSTEM (DEFS) is a durable, weather-resistant wall cladding for use on soffits, screen walls, and parapets. This cost-effective cladding is a great choice when using AkroFlex EIF Systems, Diamond Wall One Coat Stucco, or three coat stucco on the building's walls. It allows soffits, screen walls, and parapets to match the appearance of the rest of the building but with an easier application, lower weight, and less cracking.

SYSTEM DESCRIPTION

AkroGold DEFS is comprised of a water-resistive barrier (optional), approved sheathing, base coat with embedded mesh, and an AkroFlex finish coat.

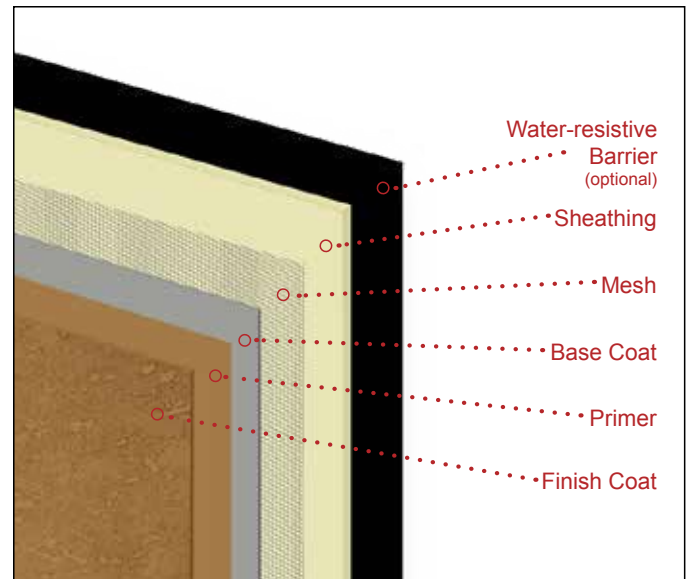
DESIGN CONSIDERATIONS

May be applied over steel or wood framed construction with the following substrates:

- ASTM C1177 glassmat faced gypsum sheathing
- ASTM C1325 cement boards

USES

AkroGold DEFS is an excellent option for soffits, screen walls, and parapets in new or retrofit residential, multi-family, commercial, or institutional projects. Not approved for the exterior of walls with conditioned space on the interior side.



AKROGOLD SYSTEM ADVANTAGES

FEATURES	BENEFITS
<i>Low Life-cycle Costs</i>	Will last decades with minimal maintenance
<i>Durable and Impact Resistant</i>	Can withstand years of weather and physical abuse
<i>Lightweight</i>	Reduces the structural load requirements
<i>System Warranty</i>	Up to 10 years when used in combination with other Omega products

Approved by: _____

Date: _____



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SYSTEM COMPONENTS

The following products are components in the AkroGold DEF System. Please see the product's data sheet for additional information.

SHEATHING¹

- Gypsum Board: Glass mat faced, water-resistant treated core gypsum sheathing must comply with ASTM C1177 and be recognized in a current evaluation report.
- Cement Board: Minimum ½-inch-thick (12.7 mm) cement board complying with ASTM C 1325 and recognized in a current evaluation report.

BASE COAT

- DryBond (50 lb bag): Field mixed with water.
- StyroGlue (5 gal pail): Field mixed with cement.
- StyroGlue DryBond (50 lb bag): Field mixed with water.
- StyroGlue Plus (5 gal pail): Highly water-resistant.

REINFORCING MESH²

AkroFlex Meshes: Alkali-resistant woven glass fiber fabrics specially designed to be used with Omega base coats.

PRIMER (OPTIONAL)

AkroFlex Base Primer is 100% acrylic-based primer designed to promote bond strength, color consistency and uniform suction, while increasing water resistance.

AKROFLEX FINISHES

AkroFlex 100% acrylic based finishes use the latest Dirt Pickup Resistance (DPR) technology, to provide long lasting, weather resistant, durable finishes that will resist discoloration, fading, or mold growth. A wide variety of textures are possible depending on the finish choice and application method. AkroLastic (elastomeric) or AkroSil (silicone enhanced) finishes are also available.

¹ Manufactured by others.

² The use of primer and/or AkroGuard will increase the length of the system's warranty.

INSTALLATION & DESIGN REQUIREMENTS

- Coordinate with other trades to ensure proper sequencing of work.
- Sheathing must be structurally sound, clean, and dry without planar irregularities greater than 1/4-inch in 10-feet.
- Maximum allowable deflection of structural wall components is 1/360 of the span.
- Expansion joints should be installed at floor lines, dissimilar substrates, and through wall expansion joints. Control joints are recommended a minimum of every 30 linear feet vertically and horizontally. Final expansion and control joint design and location are the responsibility of the design professional.
- Store and apply all component products per the product's data sheet.
- All openings shall be properly flashed and designed to allow water to escape to the outside of the wall.
- All penetrations shall be properly flashed and/or sealed using approved methods.
- Walls should be designed to prevent bulk water from getting behind the sheathing or running down the face of the DEFS.
- A minimum gap of ½-inch (13 mm) shall be maintained at all DEFS to dissimilar materials, penetrations, expansion joints, and control joints. Final design will depend on structural and sealant requirements.
- Do not apply Omega products when the ambient and surface temperature is below 40°F (4°C). To ensure proper hydration in cold weather applications (approximately 50°F to 32°F) use OmegaCure admix in cement-based base coats. Refer to OmegaCure data sheet for additional information.
- Protect applied product from inclement weather until dry.
- Sufficient slope on faces of plastered surfaces shall be provided to prevent water, snow, or ice from accumulating or standing.
- Sheathing board must be a single piece around the corners of openings.
- Treat all joints and corners with base coat and mesh. Then apply base and mesh over the entire surface.
- Additional information is available by contacting Omega Products International.

DISCLAIMER

Omega Products International [Manufacturer] MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT(S) SOLD HEREIN. The recommendations, suggestions, statements and technical data are based on the best knowledge available to Manufacturer and are given for informational purposes ONLY and without any responsibility for their use. It is expressly understood and agreed, as a condition of the use of this product, that the buyer's sole and exclusive remedy for any claimed defective product against Manufacturer shall be the replacement of products actually proven to be defective. Handling and use of the products are beyond the control of Manufacturer; therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from use of the product. Under no circumstance shall Manufacturer be liable for incidental or consequential damages arising out of the use or the improper application of the product. Before applying the product, the user shall determine the suitability of the product for their independent use, assuming all risks and liability whatsoever in connection therewith. This writing constitutes a complete and exclusive statement of the understanding between Manufacturer and Buyer.

CLAIMS

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect. For any claim that is not valid Claimant agrees to pay Omega's reasonable charges, including travel and labor associated with investigation of such claim.

TECHNICAL ASSISTANCE

Technical assistance and information is available by calling Omega Products International at (951) 737-7447 or by email at info@omega-products.com.

WARRANTY

The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's plant and is accompanied with proof of purchase and batch number.