



1. Product Name

Enviroclip®

2. Manufacturer

Elemex Inc.
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Elemex® Architectural Facade Systems
is the custom manufacturer of the
Enviroclip®

3. Product Description

Basic Use

Composite thermal clip system used to attach exterior cladding systems for wall assemblies with exterior insulation.

4. Composition and Materials

Composite thermal clip system used to attach exterior cladding systems for wall assemblies with exterior insulation.

5. Finishes

Cork and Galvanized Steel with no extra painting.

6. Sizes

Enviroclip® is manufactured in the standard sizes of 3" (18GA), 4" (16GA), 5" (16GA), and 6" (16GA). Customization of sizes and quantities according to each project's specific needs is available. Speak to an Elemex representative.

7. Limitations

The dimensions, spacing, number and type of fasteners for the Enviroclip are determined by local engineering authorities to support loads of each cladding assembly. Load capacity chart is available from Elemex. Please consult your project engineer for details.

Assumptions:

- 16 ga Enviroclip® spaced every 16" O.C. horizontally
- 16" O.C. Horizontal Framing
- 1 gusseted clip every 3 Enviroclip®
- Overlap between Enviroclip® and L-angle to be at least 1"
- Load limit includes anything attached to the L-angles
- L-angle has a standard 3" depth and 2" face



Enviroclip® Product Photo
Showing Galvanized Steel + Cork

Clip Size and Buildout	Recommended Load Limit (Cladding PSF)
3X3 CLIP 4" BO	9.75
3X3 CLIP 5" BO	5.75
3X4 CLIP 5" BO	6.75
3X4 CLIP 6" BO	4.25
3X5 CLIP 6" BO	4.75
3X5 CLIP 7" BO	3.25
3X6 CLIP 7" BO	3.75
3X6 CLIP 8" BO	2.75

8. Installation

Enviroclips can be installed on a variety of substrates (vertically or horizontally), but keep in mind stud spacing when attaching to a stud wall. Once the direction of framing is chosen, the next step is to install the Enviroclips to the building using substrate appropriate anchors. You can find out more about the installation at: Elemex Vlog - Episode 38 - Enviroclip.

<https://youtu.be/wgmjwhdnVtg>



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9. Precautions

In situations where the steel Enviroclips could come in contact with another metal, they should be separated by an isolation tape or similar insulators to prevent corrosion.

10. Building Codes

Elemex panels meet or exceed the local building code requirements of North America.

11. Availability & Costs

Elemex can arrange to ship fabricated metal products anywhere in North America.

12. Product Technical Data

ASTM A653 – CS Type B Steel

Fire Test Data

In all of the below testing, the Enviroclip was used as the back-up framing behind an Elemex panel system.

NFPA 285 - Standard test method for evaluation of fire propagation characteristics of exterior non-load-bearing wall assemblies containing combustible components

System Technical Data

In all of the below testing, the Enviroclip was used as the back-up framing behind an Elemex panel system.

ASTM E283-04(2012) (TAS 202-94)

Rate of Air Leakage Under Specified Pressure Difference Across the Specimen

ASTM E331-00(2009) (TAS 202-94)

Water Penetration by Uniform Static Air Pressure Difference

ASTM E330/E330M-14 (TAS 202-94)

Structural Performance by Uniform Static Air Pressure Difference

Florida Product Approval FL26341-R0

Approved for use inside HVHZ (High Velocity Hurricane Zone)

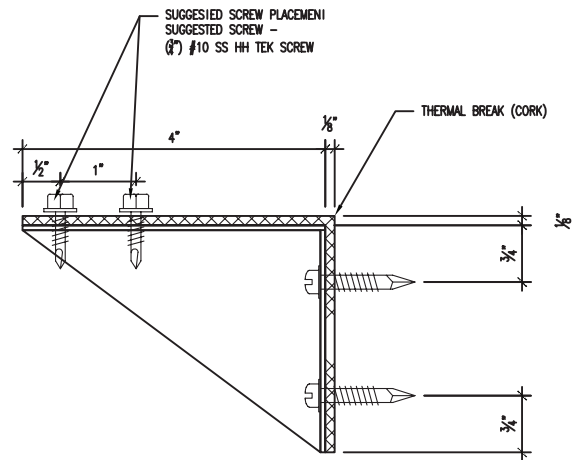
Miami-Dade County,

Florida NOA No. 16-1004.05

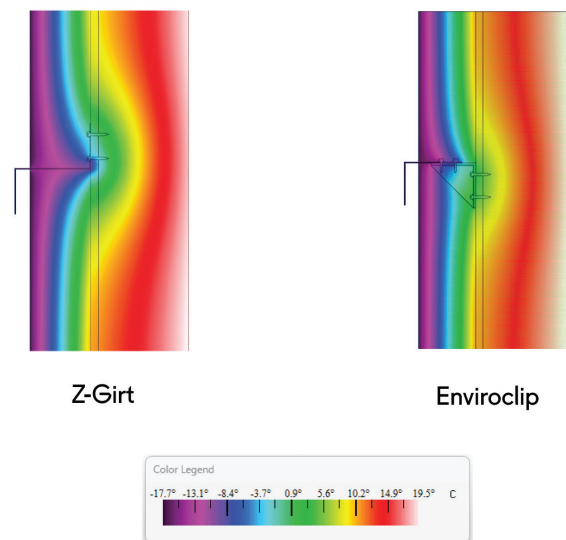
13. Technical Services

Elemex can provide consultation suggestions for preliminary design right through to the product application. In general, this includes: advice for both new work and retrofit applications, samples, specification assistance, etc.

14. Assembly Drawings



15. Heat Map Comparison



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