ACS THERMAL CLIP

ACCESSORY PRODUCTS

APPLICATIONS

WALLS

TECHNICAL DATA SHEET 220107SCANE (Supersedes 211025SCANE)

DESCRIPTION

ACS THERMAL CLIPS are available in two configurations, solid and adjustable. Both types of clips are composed of stainless steel and include a thermal break pad at the back (insulation/moisture barrier interface). Both clips also include cut-outs that represent 15% to 20% of the clip volume in order to reduce the quantity of conductive material and further enhance its purpose of reducing the effects of thermal bridging in wall systems.

Solid Clips

ACS-S CLIPS are shaped similarly to a Z-girt. They are available in various sizes in order to accommodate different insulation thicknesses, but they are not adjustable. The solid ACS-S CLIP is ideal when a high-performance, cost-effective solution is required and the back-up structure and cladding materials do not require on-site adjustments of the support system.

Adjustable Clips

ACS-A CLIPS are a two-piece design. Each stainless steel piece is “L” shaped. The inner piece of the clip fits inside the outer piece, allowing the exact depth of the clip to be adjusted on-site by the installers. The adjustable ACS-A CLIP is very useful for cladding systems that require very tight tolerances on uneven substrates, such as masonry or concrete walls, and/or systems that are installed over steel stud walls that are not on the same vertical plane as the slab beams.

INSTALLATION

Clip length, spacing and attachment to the substructure are determined based on the combination of thermal and structural requirements of the assembly. The *Structural Guide* will provide assistance with properly specifying the attachment and spacing of the ACS THERMAL CLIP in order to support exterior cladding assemblies. The *BUILD BETTER Guide* can be referenced to comply with energy-related objectives in building codes.

RESTRICTION

Due to the number of variables inherent in the design of exterior cladding, structural review of cladding installations is required on any project. These variables include, but are not limited to, building height, building exposure, design wind pressure, cladding weight, cladding flexibility/brittleness, cladding fastening requirements, cladding assembly depth, substructure construction tolerances, and substructure material type.

As a result of the large number of variables involved in cladding design, a project structural engineer is required to review and provide the necessary design/assurance that the overall system is structurally acceptable.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

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SOPREMA® ACS Composite Systems Inc.

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PACKAGING

Specifications	ACS THERMAL CLIP	
Available clip sizes (1)	ACS-S CLIP	ACS-A CLIP
	1.5 in 2 in 3 in 4 in 5 in 6 in 7 in 8 in 9 in 10 in	2.5-3 in 3-4 in 4-5 in 5-6 in 6-7 in 7-8 in 8-9 in 9-10 in

(1) Customized clips can also be created to accommodate various insulation thicknesses upon special order if needed.

PROPERTIES - Stainless Steel

Properties	Standards	ACS THERMAL CLIP *(Stainless Steel)*
Stainless steel gauge	-	16 gauge
Grade	ASTM A240/A480	304/304L
Stainless steel finish	ASTM A240/A480	Finish 2B
Recycled content	-	approx. 70 %

(All values are nominal)

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