



Project Focus

Design smart with ARRIS-clip

The Building Codes are changing and are now requiring higher performance requirements for the thermal envelope. The way we once built will be just that, a thing of the past, as the cladding industry evolves. For a long time the building science field has acknowledged the weaknesses of our current construction means and methods, such as conductive heat loss/gain through large amounts of thermal bridging and this is what has driven the most recent changes to the building codes in North America. As such, most of these codes have now adopted energy codes such as ASHRAE 90.1. The International Building Code (IBC) in the United States added ASHRAE 90.1. Other codes have adopted a set of standards of their own similar to ASHRAE 90.1. For example, the supplementary conditions contained in the Ontario Building Code (OBC), section SB-10 requires better thermal performance in the building envelope. For veneer walls, these updated code requirements now make it mandatory for new construction to reduce thermal bridging and achieve higher effective R-Values (lower U-Values) for the wall assemblies.

For builders and designers seeking energy code compliant veneer wall systems, the Arriscraft ARRIS-clip Gridworx assembly is a great option.

In designing the leading-edge Mountain Point Medical Centre in Lehi, Utah, Earl Swensson Associates needed a modern, high performance façade. Choosing naturally-made Arriscraft stone offered both the aesthetic and durability qualities needed for the project. The smooth ARRIS-clip selection integrated well into the overall modern design of the facility.





Project: Mountain Point Medical Center
Location: Lehi, UT
Architect: ESA
Product: ARRIS-clip Renaissance®, Sunset

The ARRIS-clip thin stone was installed using the Gridworx aluminum stone hanging system and their Discrete Girt / Z-channel assembly, creating a back drained and ventilated open rainscreen façade and providing a system that provided the higher effective R-value they needed to achieve energy code compliance.

This Arriscraft ARRIS-clip and Gridworx energy code compliant assembly meets or exceeds the thermal requirements for climate zones 1 through 8 (which covers all of North America).

