

iNVELOPE

CENTRIA was formed in 1996 by bringing together the former E.G. Smith Construction Products, Inc., Steelite, Inc., and H.H. Robertson companies. CENTRIA offers combined engineering expertise, fabrication capabilities, and practical construction experience to owners, architects, engineers, and contractors worldwide. CENTRIA boasts a comprehensive line of building products and services designed to meet the aesthetic and functional challenges of nonresidential construction. As a world leader in custom-engineered exterior architectural metal wall and roof systems, CENTRIA is dedicated to constantly improving the performance and sustainability of exterior walls and roofs through intensive research, development and rigorous testing.

CENTRIA is a dedicated member of the U.S. Green Building Council (USGBC) and its products have been used on 10 LEED Certified Projects in the past two years. From light pollution reduction, optimal energy performance, advanced thermal and moisture protection to using recycled and recyclable content materials, CENTRIA has a number of projects and products in development with the environment and energy efficiency in mind.

In order to address the staggering amount of energy used in US buildings per year, nearly forty percent of all US energy use, CENTRIA looked for a wall construction solution. CENTRIA, in conjunction with Syracuse University and numerous research partners, conducted an on-going research and development project to develop exterior building panels that offer better energy efficiency and better insulating abilities than current building envelope technologies. CENTRIA's iNVELOPE is a single-component, insulated metal composite back-up wall panel system ideal for commercial institutional and industrial construction. iNVELOPE's one-piece construction reduces installation time and meets the Massachusetts Energy Code and all major fire codes while eliminating or reducing the need for separate subcontractors, building wraps and exterior sheathing. iNVELOPE panels also provide a superior water drain plane and air and vapor barrier, making them extremely durable and reducing long-term repair costs. In addition, the iNVELOPE Panel has the ability to increase the R-value and insulating efficiency by sixty percent.

CENTRIA's product is a breakthrough in masonry wall construction, offering a better way to control moisture penetration, improve thermal performance, and reduce enclosure time in masonry construction. In addition to these features and benefits, CENTRIA's iNVELOPE panels are both lighter (only 2.1 PSF) and built at a lower cost than conventional panels. iNVELOPE is an energy saving barrier wall that will save 20% of heating and cooling costs in commercial buildings as a result of its super insulating value and design.