

1.0 – SYSTEM OVERVIEW

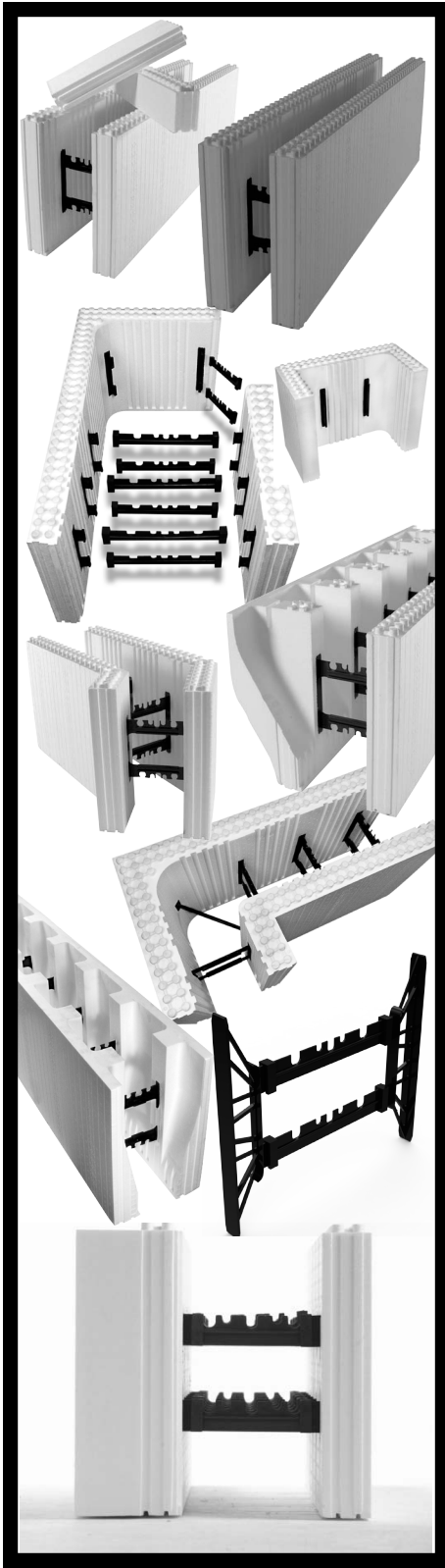
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S Y S T E M O V E R V I E W

1.0 – SYSTEM OVERVIEW

1.1 – APPLICATION & USE



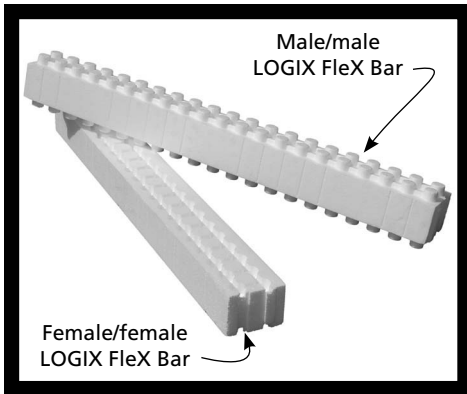
LOGIX Insulated Concrete Forms are used to create solid reinforced concrete walls that are pre-insulated for use both above and below grade. LOGIX walls are particularly effective for residential, light commercial, institutional, and industrial buildings, providing excellent insulation as well as thermal mass and structural strength. LOGIX walls offer a 4-hour fire resistance rating.

LOGIX Insulated Concrete Forms are based on the simple concept of modular interlocking blocks. These “blocks” or “forms” are made of expanded polystyrene (EPS) panels, held together with high-density polypropylene webs. LOGIX leads the industry in builder friendliness, featuring thick 2-3/4 inch (70 mm) foam in each panel. In fact, LOGIX XRV Panels can provide EPS panels as thick as 8 inches (203 mm). This not only adds insulating value, it also makes the block tougher and more resistant to normal jobsite handling.

LOGIX forms are dry stacked using a running bond. Reinforcing steel is inserted in the wall cavity as required, and the forms are filled with concrete to form a monolithic insulated wall.

LOGIX forms are generally 48 inches (1220 mm) in length and 16 inches (406 mm) in height. They come in a range of concrete core thicknesses, from 4 inch (102 mm) to 12 inch (305 mm), to accommodate most design requirements. In addition, LOGIX Xtenders can increase the core thickness to virtually any width wider than 12 inches (305 mm).

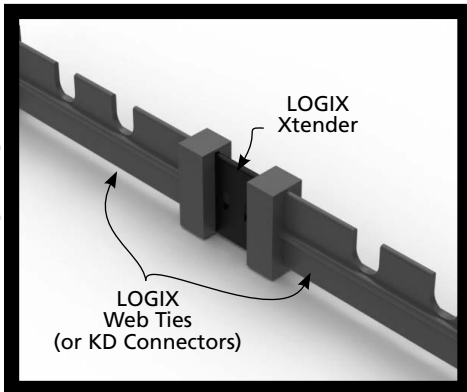
1.1 – APPLICATION & USE CONTINUED



LOGIX is available in a wide variety of special form units and accessories, including corners, transitions, ledges, panel systems, t-walls, pilasters, Flex Bars, and Knock-down forms permit the LOGIX system to be adapted to many different situations. Most LOGIX forms are also available in 8 inch (203 mm) height for additional design flexibility.



The plastic webs that hold the LOGIX forms together are made from recycled plastic. In addition to form support, the webs are designed to conveniently hold reinforcing steel in place prior to concrete placement, and act as a fastening surface for wall finish materials. The outer face of the web is 14-3/8 inch (365 mm) high and 1-1/4 inch (32 mm) wide, and is embedded in the foam 1/2 inch (13 mm) deep to comply with EIFS siding manufacturer standards.



LOGIX offers solid products and quality service from seven key manufacturing locations situated throughout North America. Our products are designed to perform better in the field, providing trouble-free, profitable installations time after time. Our commitment to product quality and continual innovation is backed up by over 50 years of ICF manufacturing experience.

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