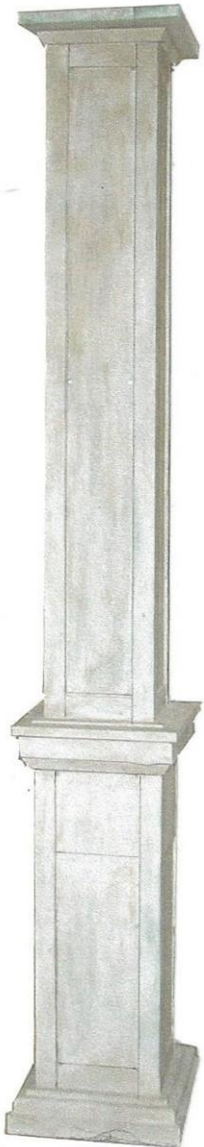


ELCEMITE™ Advantages

Created using the latest technology, state-of-the-art admixtures and a unique formulation of cementitious ingredients; this proprietary formulation of fine powders, selected for grain size, particle weight and chemical reactivity, and reinforced with fibers produces a unique ductile material that is light-weight, durable, impact and fire resistant, high-strength and environmentally responsible.

Some of the **ELCEMITE** advantages are:



- Half the weight of conventional concrete but with a similar compressive strength,
- Ductile; strong with high flexural strength,
- Minimizes the use of Ordinary Portland Cement (OPC), which reduces CO₂ emissions and conserves the valuable resource of clean water required to hydrate OPC bond,
- The use of supplementary cementing materials (SCMs) makes **ELCEMITE** stronger while reducing greenhouse gas emissions created in the manufacturing of OPC,
- Uses a high volume of post-consumer recycled ingredients thereby reducing waste in landfills and increasing LEED qualifications points,
- Contributes to sustainable construction by reducing resources needed to handle and transport heavy concrete,
- Compressive strength similar to 20 Mpa (3,000psi) conventional concrete,
- Impact and fire resistant,
- Can be cast extremely thin to further reduce product weight,
- Resistant to freeze/thaw,
- Fiber-reinforced,
- Withstands wind uplift pressures,
- Uses lightweight particles to provide increased density and minimize porosity,
- Self-cures at room temperature conserving energy required to cure conventional concrete,
- Quick setting time with minimal shrinkage,
- No expansion/contraction issues with cured product,
- Accommodates fastening with a nail gun without fracturing for quick installation,
- Sprayable for fire and seismic resistance applications,
- Self-compacting making it suitable for applications in lightweight floor leveling,
- **ELCEMITE** mix is pre-blended, eliminating off-site mixing errors,
- Available in several weight and strength versions.

While specialized formulations for specific concrete applications are not uncommon, simply put, there is nothing like **ELCEMITE**.

more than green; builds better