



To Kansas City Metro Specifiers, Designers & Contractors:

The MO/KS Chapter American Concrete Pavement Association and the Concrete Promotional Group, Inc. would like to make you aware that Portland Limestone Cement, aka. 1L, PLC, is now available in our market. The Greater Kansas City Market is supplied by several cement companies. All of them are introducing PLC as a replacement to the cement currently supplied as Type I/II cement. The next year will be a transition period as the cement companies switch their operations to PLC production. The ready-mix producers who supply our concrete are very aware of the switch and have done and/or continue to conduct testing with PLC in their mix designs.

Why PLC?

The Portland Cement Association (PCA), representing the cement industry has reduced energy consumption by 35 percent and emissions intensity by 11 percent since 1990. Many individual company improvements have led to the increased use of alternative fuels, such as industrial byproducts that otherwise would end up in landfills. Portland Limestone Cement is another strategy to support energy efficiency and reduced carbon goals. PLC reduces carbon footprint by approximately 10%, without decreasing concrete durability and performance.

Cement & Concrete Industry commitments to achieve carbon reduction include:

- SE2050 (Structural engineers' commitment to net zero)
- Arch2030 (Architects' commitment for net zero)
- CLF (Carbon leadership forum Goals and Strategies)
- PCA 2050 (Carbon neutrality by 2050)

What can we expect from PLC?

The same durable, resilient concrete you depend on, with a carbon footprint reduction of up to 10%. Any application where you use typical Type I/II Portland cement, you can use PLC.

References & FAQ:

- [GreenerCement.com](https://www.greenercement.com)
- [1:1 Replacement Ratio](#)
- [How do I Specify PLC?](#)

Please be prepared and review your specifications and make necessary adjustments where needed to accommodate the change. We are available to answer any questions. Please feel free to contact us or your local cement or concrete professionals.

Sincerely,

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