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Standard Terminology Relating to Precast Concrete Products[1]

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1. Scope

1.1 This standard is a compilation of definitions of technical terms defined in the standards developed by Committee C-27 on Precast Concrete Products.

1.2 In the interest of common understanding and standardization, consistent word use is encouraged to help eliminate a major barrier to effective technical communication.

[1] This terminology is under the jurisdiction of ASTM Committee C-27 on Precast Concrete Products and is the direct responsibility of Subcommittee C27.50 on Terminology.

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2. Terminology

cast stone—an architectural precast concrete building unit intended to simulate natural cut stone.

cracking load—a load which creates a bending moment of enough magnitude to produce a tensile stress greater than the sum of the induced compression plus the tensile strength of the concrete resulting in tensile cracks on the tension face of the pole.

ultimate load—maximum load the pole will carry in the specified direction, applied to produce bending and torsional stresses.

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