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ASTM's leadership in international standards development is driven by the contributions of its members: more than 30,000 of the world's top technical experts and business professionals representing 150 countries. Working in an open and transparent process and using ASTM's best-in-class standards development infrastructure, ASTM members deliver standard test methods, specifications, guides and practices that support industries and governments worldwide.

ASTM International meets the World Trade Organization (WTO) principles for the development of international standards: coherence, consensus, development dimension, effectiveness, impartiality, openness, relevance and transparency. ASTM standards are accepted and used in research and development, product testing, quality systems and commercial transactions around the globe.

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## ASTM International Committee C27 on Precast Concrete Products

For more than 40 years, ASTM International Committee C27 on Precast Concrete Products has paved the way for the development of international standards related to the precast concrete industry, specifically concrete pipe. C27 standards cover utility structures, minor architectural and structural products, agricultural products, water and wastewater treatment structures and more. The committee is made up of more than 220 technical experts from the concrete industry, government agencies, professional organizations and academia.



[www.astm.org](http://www.astm.org)



## MEETINGS

ASTM Committee C27 meets once a year in December, with approximately 35 members attending two days of technical meetings.

## MEMBERSHIP IN ASTM INTERNATIONAL AND COMMITTEE C27

ASTM International welcomes all technical experts with a desire to work toward further development of precast concrete standards. Membership and participation in the activities of Committee C27 provide the opportunity to:

- Network with professionals worldwide;
- Have direct input into the development of new and revised standards;
- Participate in informational webinars;
- Receive a free volume of the *Annual Book of ASTM Standards* (print, CD, or virtual volume);
- Enjoy discounts on all ASTM publications;
- Receive free subscriptions to *ASTM Standardization News* and *ASTM eNews*; and
- Benefit from reduced attendance fees at ASTM symposia and technical workshops.

The annual fee to be an informational or participating member of ASTM International is \$75 USD. Annual membership provides access to multiple technical committees at no additional cost. Visit [www.astm.org](http://www.astm.org) JOIN and become an ASTM member today.



## C27 SUBCOMMITTEES AND STANDARDS

### SUBCOMMITTEES

Committee C27 makes significant contributions to the concrete pipe industry through the work of several technical standards development subcommittees:

- C27.10** Utility Structures
- C27.20** Architectural and Structural Products
- C27.30** Water and Wastewater Containers
- C27.40** Glass Fiber Reinforced Concrete
- C27.50** Terminology
- C27.60** Precast Autoclaved Aerated Concrete
- C27.70** Precast Concrete Products for Stormwater Management

### ASTM STAFF CONTACT

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## C27 STANDARDS

Precast concrete is an important material for building construction and materials as well as stormwater products, including the management of stormwater runoff and reduction of contamination to waterways, which in turn improves the quality of the finite fresh water supply.

The subcommittees of Committee C27 oversee 31 standards published in Volume 04.05 of the *Annual Book of ASTM Standards*. Some of the committee's key standards are listed below.

**ASTM C857**, Standard Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures

**ASTM C858**, Standard Specification for Underground Precast Concrete Utility Structures

**ASTM C1227**, Standard Specification for Precast Concrete Septic Tanks

**ASTM C1613**, Standard Specification for Precast Concrete Grease Interceptor Tanks

**ASTM C1745/C1745M**, Standard Test Method for Measurement of Hydraulic Characteristics of Hydrodynamic Stormwater Separators and Underground Settling Devices

**ASTM C1746/C1746M**, Standard Test Method for Measurement of Suspended Sediment Removal Efficiency of Hydrodynamic Stormwater Separators and Underground Settling Devices

Standards are available for purchase in hard copy, CD and virtual volume format online at [www.astm.org](http://www.astm.org) or by contacting ASTM Customer Relations (phone: 877-909-ASTM; [sales@astm.org](mailto:sales@astm.org)).

## ASTM WATER PORTAL

C27 standards are included in the ASTM Water Portal, a site that provides a portfolio of ASTM standards related to water quality, focusing on the areas of environmental preservation, stewardship and sustainable use; testing and maintenance of water quality; extraction, transportation and infrastructure; water recapture, efficiency, reuse, recycling and sustainability; and consumer and industry water usage. Visit [www.astm.org/waterportals](http://www.astm.org/waterportals).

For a complete guide to the work of the Committee C27, visit [www.astm.org/COMMIT/C27](http://www.astm.org/COMMIT/C27)

