



ADVANCING STANDARDS  
TRANSFORMING MARKETS

ASTM International is one of the largest standards development and delivery systems in the world. ASTM standards are voluntary consensus documents that guide in research, design, manufacturing, marketing, and trade. ASTM's market relevance is evident in more than 100 industrial and management sectors, ranging from construction materials and environmental assessment to medical devices and consumer products.

135 nations are represented in ASTM International. ASTM standards are developed by technical experts who are the members of ASTM International.

## **Committee C24 Building Seals and Sealants**

Since 1959, ASTM Committee C24 on Building Seals and Sealants has developed 92 consensus standards that play a prominent role in all aspects important to the building industry with a concentration in general, chemical, structural, emulsion, oil glazed, hot-applied and tape sealants, and compression seal and lock strip gaskets.

ASTM C24 Staff Manager: David Lee  
Email: [DLee@ASTM.ORG](mailto:DLee@ASTM.ORG)

## **MEMBERSHIP in ASTM INTERNATIONAL and COMMITTEE C24**

MEMBERSHIP in ASTM International is open to all who have an interest in fields covered within the Society. Membership and participation in the activities of C24 provide the opportunity to:

- Have a direct input into the development of new and revised standards
- Interface with leading professionals in the field
- Remain current on new and emerging technologies
- Enhance efficiency and interoperability through the development of consensus standards

ADDITIONAL BENEFITS of technical committee membership include the receipt of all committee information, access to the “Members” section of the ASTM website, discounts on ASTM publications, a free subscription to ASTM’s monthly magazine, *Standardization News*, and a free volume of your choice of the *Annual Book of ASTM Standards*. The annual fee to be an informational or participating member of ASTM International is \$115.00. Annual membership provides access to multiple technical committees at no additional cost.

Individuals with knowledge and interest in the work of C24 are welcome to participate on the committee. To join, please visit the Membership section of the ASTM website ([www.astm.org](http://www.astm.org)).

## **MEETINGS**

C24 meets twice a year, usually in January and June, with approximately 50 members attending two to three days of technical meetings.

## COMMITTEE C24 TECHNICAL SUBCOMMITTEES

C24.01	Terminology of Building Seals and Sealants
C24.10	Specifications, Guides and Practices
C24.20	General Test Methods
C24.30	Adhesion
C24.40	Weathering
C24.61	Aerosol Foam Sealants
C24.73	Compression Seal and Lock Strip Gaskets
C24.87	International Standards
C24.90	Executive

## COMMITTEE C24 TECHNICAL AREAS

- Oil and resin base caulking and glazing compounds
- Hot applied sealing materials for use in sealing building joints and openings (sealing materials that can be dispersed by present and future hot applied equipment are included)
- Latex sealants for building construction
- Sealants that set to cure primarily through solvent release
- Single and multi-compound cold-applied elastomeric type joint sealants for caulking, sealing and glazing operations in buildings, building area (plazas, decks, pavements, etc.) and other types of construction
- Sealing of exterior and interior building joints with elastomeric structural sealing compounds
  - Cellular and dense materials used in externally compressed preformed gaskets and for dense materials used in externally compressed preformed gaskets and for dense materials used in lock-strip gaskets in building construction

## C24 STANDARDS

ASTM Committee C24 on Building Seals and Sealants has published 92 standards that are used in the building industry, with additional standards currently being developed. Key C24 standards include:

### SPECIFICATIONS

#### **C834 Standard Specification for Latex Sealants**

This specification covers one component of latex sealants used for sealing joints in building construction.

### GUIDES

#### **C1193 Standard Guide for Use of Joint Sealants**

Describes the use of cold liquid-applied sealant for joint sealing applications, including joints on building and related adjacent areas, such as plazas, decks and pavements for vehicular or pedestrian use, and types of construction other than highways and airfield pavements and bridges.

#### **C1401 Standard Guide for Structural Sealant Glazing**

Structural sealant glazing, referred to as SSG, is an application where a sealant not only can function as a barrier against the passage of air and water through a building envelope but also primarily provides structural support and attachment of glazing or other components to a window, curtain wall or other framing systems.

### TEST METHODS

#### **C719 Standard Test Method for Adhesion and Cohesion of Elastomeric Joints Sealants Under Cyclic Movement (Hockman Cycle)**

This test method is an accelerated laboratory procedure for evaluating the performance of a building sealant in a test configuration that is subjected to water immersion, cyclic movement and temperature change.