



ASTM INTERNATIONAL
Helping our world work better

ASTM and the Use of Globally Accepted Standards

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ASTM International

FCIA-ASTM
VIRTUAL Event

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2020



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About ASTM International

- ASTM International is a globally recognized standards organization that develops and delivers international voluntary consensus standards.
- Some 12,500+ ASTM standards are used around the world in trade and in regulation.
- More than 30,000 of the world's top technical experts and business professionals representing 148 countries are members.
- Global headquarters is near Philadelphia, with several offices in other countries.

1898
Founded

12,500+
Standards used
around the world

140+
Countries
represented



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The ASTM MoU Program

Memorandum of Understanding

ASTM International

Full collection of ASTM Standards (adoption, as the basis of a national standard, consultation, normative reference, reference in regulation)

Membership at no cost to participant

Training (on-site, virtually; sponsored and shared cost)

MoU Partner

Access to ASTM standards in its Information Center

Annual Report on use of ASTM standards

Utilization of ASTM standards where relevant and appropriate

117 MoU
partners
worldwide

8400+ citations
of ASTM
standards
in non-US
nations



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Six Ways to Adopt and Reference ASTM

Memorandum of Understanding

Available to all Public and Private Standards' Users

Incorporated by Reference in Technical Regulations

Normative Reference in Standards

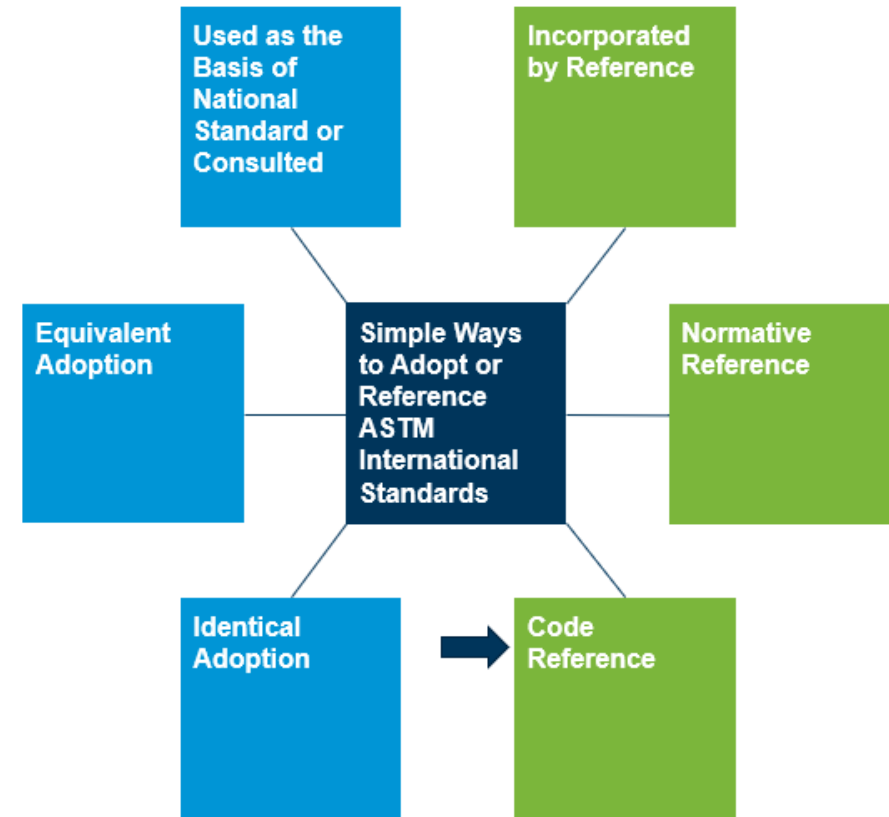
Code Reference (i.e. Building Code)

Available Only to MoU Partners

Identical Adoption

Equivalent Adoption

Used as the Basis of a National Standard or Consulted



ASTM International U.A.E. Chapter

Benefits to the Region

- Provide a direct link to staff and information from ASTM HQ
- Mechanism to provide consistent continuing education and training
- Creates awareness for the construction industry
- Track emerging trends and helps to grow the industry as a whole
- Have a local voice in the ASTM standards development process
- Gain visibility for construction professionals
- Networking opportunities
- Mentorship opportunities
- Leadership development



Launched September 2019

www.astmue.org



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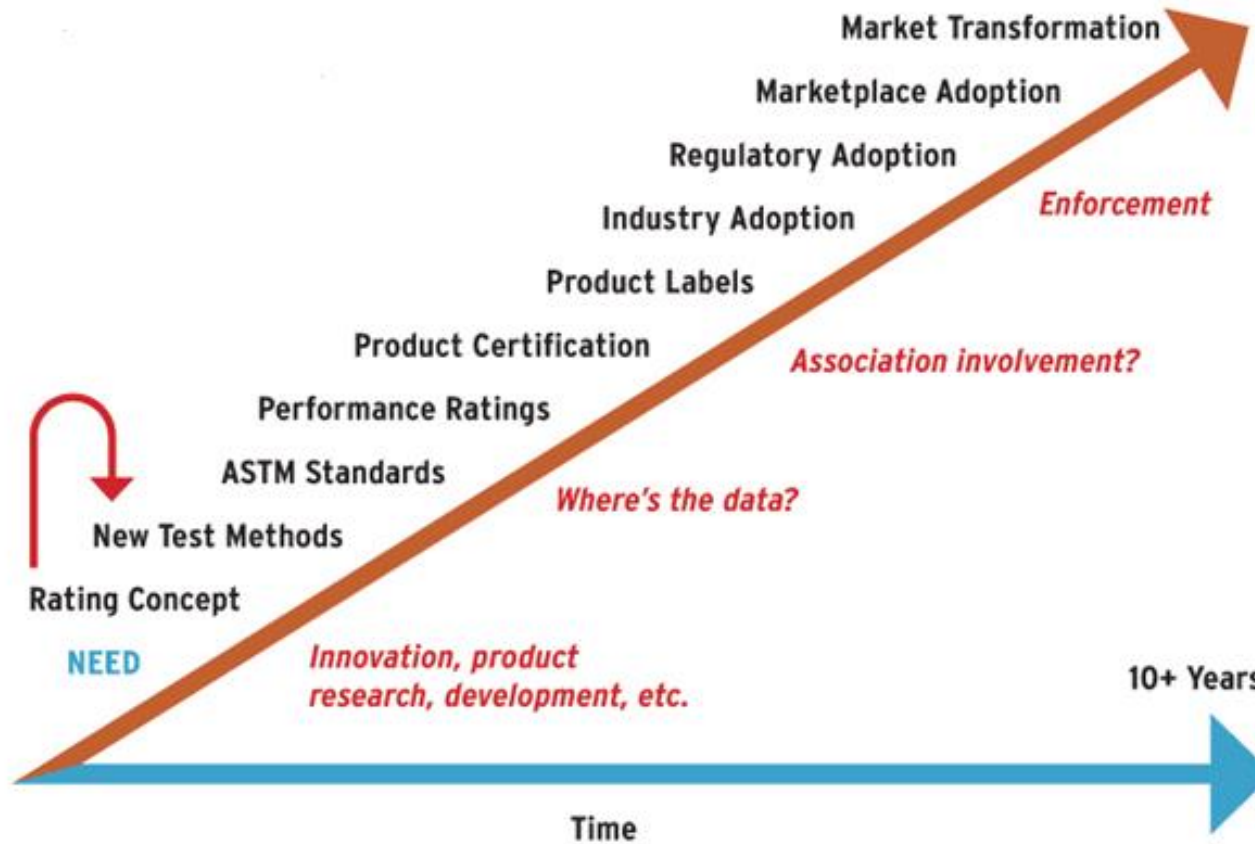
ASTM Technical Committees

146 Technical Committees

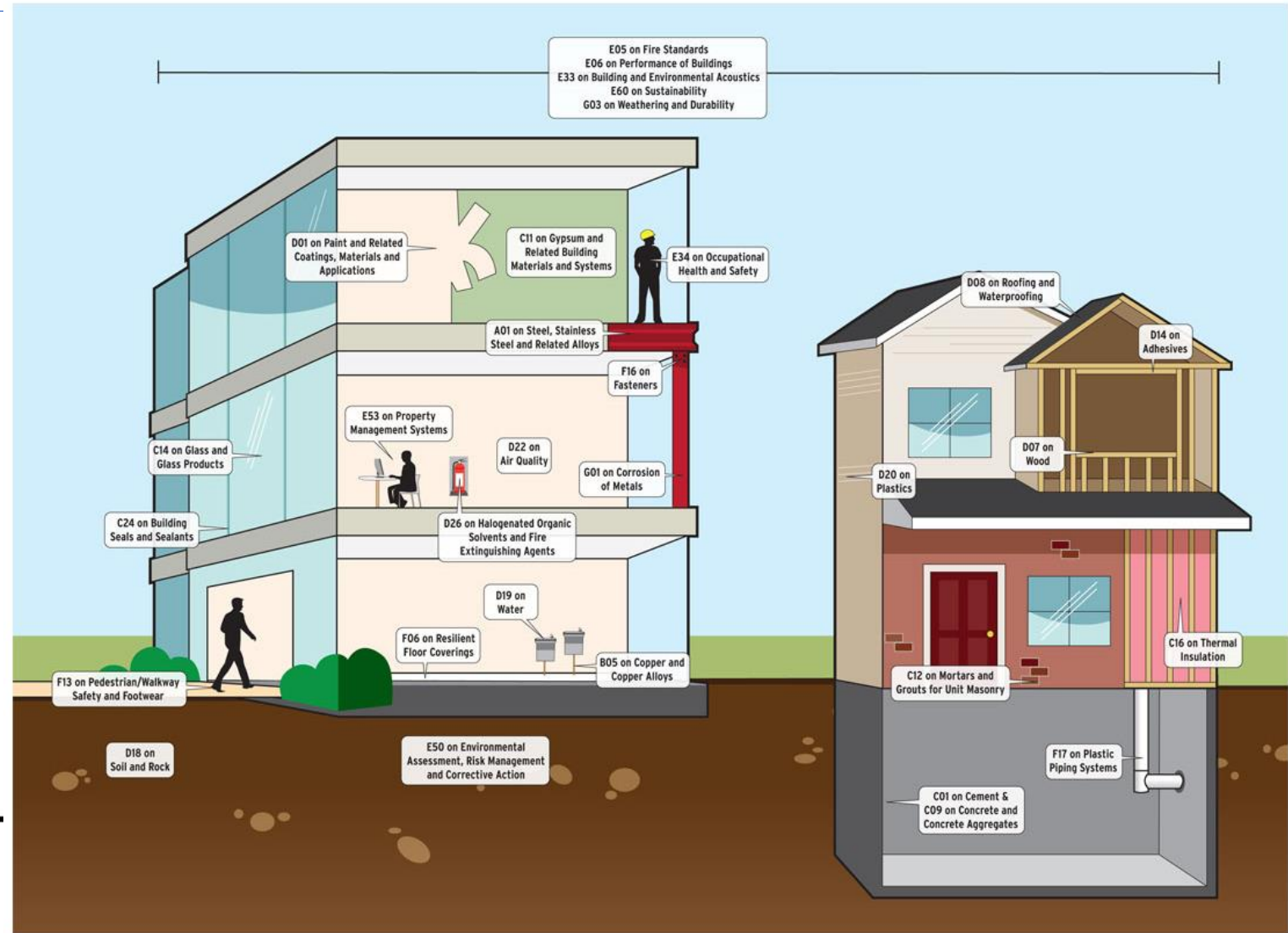
- Fire
- Concrete and Cement
- Steel
- Petroleum
- Construction/Building
- Plastics
- Paint
- Textiles
- Environmental
- Medical Devices
- Packaging
- Many, many more



Market Transformation in the Building Industry



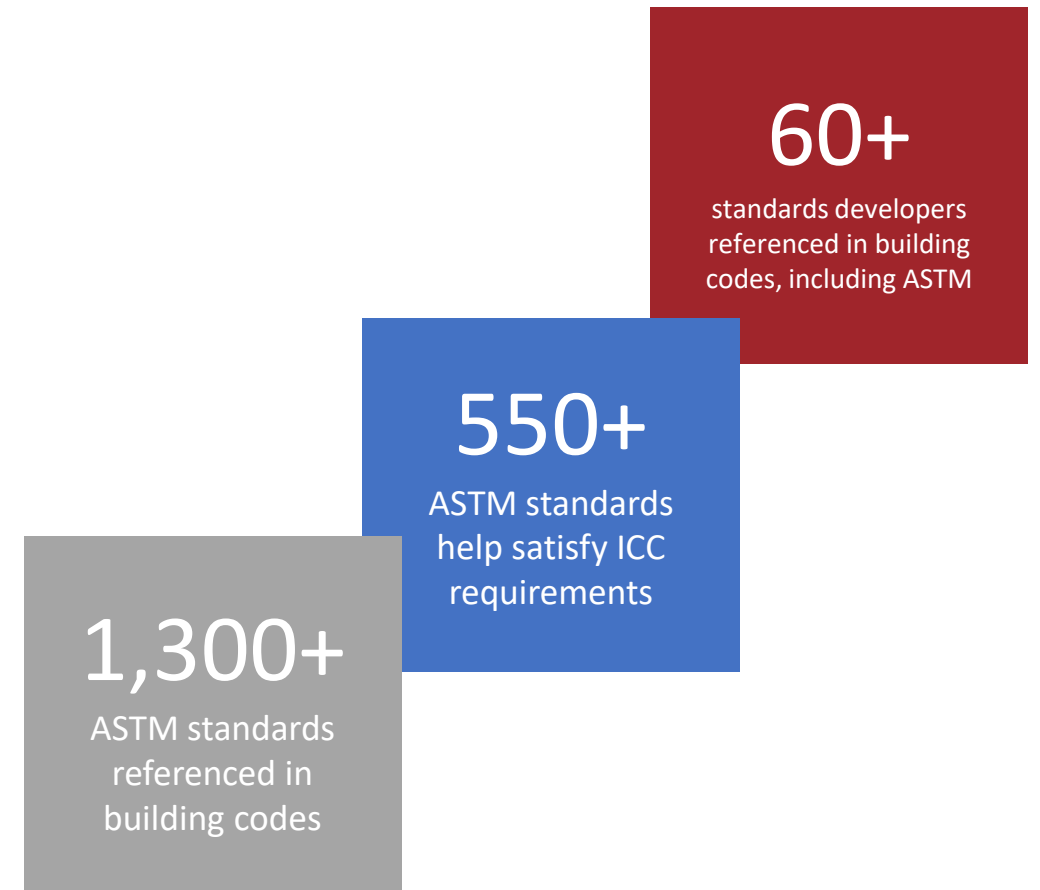
Use of ASTM Standards in the Built Environment



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ASTM and Building Codes

- Codes are a written specification for materials and procedures relating to infrastructure construction.
- Codes are similar to ASTM standards in two ways:
 - They are living documents subject to continual change.
 - They are not legal documents until adopted.
- Standards cited in building codes must be written according to strict procedures of open-consensus development, such as the ASTM standards development procedure.



ASTM Committee E06 on Performance of Buildings

- Organized in 1946
- Includes over 1350 members from 33 countries
- 20 technical subcommittees
- 250 active standards and numerous standards referenced in building codes
- Key documents:
 - E2174 Standard Practice for On-Site Inspection of Installed Firestop Systems
 - E2393 Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers
 - E2785 Standard Test Method for Exposure of Firestop Materials to Severe Environmental Conditions
 - E3157 Standard Guide for Understanding and Using Information Related to Installation of Firestop Systems



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ASTM Committee E05 on Fire Standards

- Organized in 1904
- Includes over 675 members from 23 countries
- 10 technical subcommittees
- 80 active standards and 20 standards referenced in building codes
- Key documents:
 - E84 Standard Test Method for Surface Burning Characteristics of Building Materials
 - E119 Standard Test Methods for Fire Tests of Building Construction and Materials
 - E814 Standard Test Method for Fire Tests of Penetration Firestop Systems
 - E1966 Standard Test Method for Fire-Resistive Joint Systems
 - E2307 Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-story Test Apparatus



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Thank You

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@ASTMintl
#committeeweek



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