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ASTM International Technical Committee G03 on Weathering and Durability

SCOPE

The promotion of knowledge, stimulation of research, and the development of standards related to the durability and performance of organic and inorganic nonmetallic materials, components and combined assemblies that are subjected to various environments.

These objectives will be implemented by the development and coordination of standards relating to nomenclature, standard conditions, methods and instrumentation associated with the aging, weathering biodeterioration, exposure to specific environments and accelerated or service testing of such materials, components and combined assemblies with other materials.

The Committee shall establish liaison with other ASTM Technical Committees with related interests. Where appropriate, the Committee will also assure that its standards are harmonized with related international standards.

TECHNICAL SUBCOMMITTEES

- G03.01** — Joint Weathering Projects
- G03.02** — Natural and Environmental Exposure Tests
- G03.03** — Simulated and Controlled Exposure Tests
- G03.04** — Biological Deterioration
- G03.08** — Service Life Prediction
- G03.09** — Radiometry
- G03.90** — Executive
- G03.91** — Editorial
- G03.92** — Terminology
- G03.93** — Statistics
- G03.95** — Long Range Planning

KEY DOCUMENTS

- **G21** Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
- **G151** Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources
- **G154** Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
- **G155** Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
- **G173** Standard Tables for Reference Solar Spectral Irradiances: Direct Normal and Hemispherical on 37° Tilted Surface
- **G224** Standard Practice for Operating UVC Lamp Apparatus for Exposure of Materials



Image courtesy of Q-Lab

QUICK FACTS

Established 1965

Number of Members 174

Number of Standards 36

Global Participation 17 countries represented

The standards are available in Volume 14.04 in the *Annual Book of ASTM Standards*

Meetings G03 meets twice annually in April and November

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