



Designation: C1032 – 18

# Standard Specification for Woven Wire Plaster Base<sup>1</sup>

This standard is issued under the fixed designation C1032; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

## 1. Scope\*

1.1 This specification covers woven wire plaster base, flat or self-furring, with or without stiffener wires, and with or without factory-attached water-resistive barrier, designed for use as a base to receive gypsum or portland cement based plaster.

1.2 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.3 The text of this standard references notes and footnotes which provide explanatory material. These notes and footnotes (excluding those in tables and figures) shall not be considered as requirements of the standard.

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

## 2. Referenced Documents

### 2.1 ASTM Standards:<sup>2</sup>

- A641/A641M Specification for Zinc-Coated (Galvanized) Carbon Steel Wire
- C11 Terminology Relating to Gypsum and Related Building Materials and Systems
- E2556/E2556M Specification for Vapor Permeable Flexible Sheet Water-Resistive Barriers Intended for Mechanical Attachment

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee C11 on Gypsum and Related Building Materials and Systems and is the direct responsibility of Subcommittee C11.02 on Specifications and Test Methods for Accessories and Related Products.

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

### 2.2 Federal Specifications:

- UU-B-790a Building Paper, Vegetable Fiber: Kraft, Waterproofed, Water Repellent and Fire Resistant<sup>3</sup>
- UU-P-31 B/171 Tensile Breaking Strength (Dry)<sup>3</sup>

## 3. Terminology

3.1 *Definitions*—Definitions shall be in accordance with Terminology C11.

## 4. Material

4.1 In accordance with Specification A641/A641M and Table 1.

4.2 *Water-resistive Barrier*—Compliant with Federal Specification UU-B-790a or ASTM Specification E2556/E2556M.

4.3 *Kraft Building Paper*, Federal Specification UU-B-790a.

## 5. Physical Properties

### 5.1 Water-resistive Barrier:

5.1.1 Factory-attached water-resistive barrier shall provide a one mesh wire to wire lap joint at one end and one edge of each flat sheet or roll. Attachment of the water-resistive barrier shall allow lapping of wire-to-wire and water-resistive barrier to water-resistive barrier of one mesh at ends and edges and shall permit full embedment in not less than ¼ in. (6.4 mm) of plaster of not less than one half the total length and width of the wire.

5.1.2 Factory-attached water-resistive barrier shall have a minimum tensile breaking strength (dry) of 20 lbf/in. (3.5 kN/m) width, as tested in accordance with Federal Specification UU-P-31 B, Method 171.

## 6. Dimensions, Weight, and Permissible Variations

### 6.1 Openings:

6.1.1 Woven wire plaster base shall be fabricated to provide the size of openings in accordance with Table 1, except that any single opening shall be not more than 3.0 in.<sup>2</sup> (1935.5 mm<sup>2</sup>).

6.1.2 Wire diameter for opening size shall be in accordance with Table 1.

<sup>3</sup> Available from U.S. Government Printing Office Superintendent of Documents, 732 N. Capitol St., NW, Mail Stop: SDE, Washington, DC 20401, <http://www.access.gpo.gov>.

\*A Summary of Changes section appears at the end of this standard