



Standard Practice for Installation of Rigid Poly(Vinyl Chloride) (PVC) Siding and Soffit¹

This standard is issued under the fixed designation D 4756; 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 (ε) indicates an editorial change since the last revision or reapproval.

1. Scope*

1.1 This practice covers the minimum requirements for and the methods of installation of rigid vinyl siding, soffits, and accessories on the exterior wall and soffit areas of buildings. In all applications, refer also to the specific manufacturer's instructions for installation.

1.2 This practice covers aspects of installation relating to effectiveness and durability in service.

1.3 The various application systems are located in the following sections of this practice:

Section 8	Substrate, Surface Preparation
Section 9	Application of Horizontal Siding
Section 10	Application of Vertical Siding
Section 11	Application of Soffits
Section 12	Special Details

1.4 The values stated in inch-pound units are to be regarded as the standard. The SI units given in parentheses are for information only.

NOTE 1—There are no ISO standards covering the subject matter of this practice.

1.5 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

D 883 Terminology Relating to Plastics²

D 1600 Terminology for Abbreviated Terms Relating to Plastics²

D 3679 Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding³

D 4477 Specification for Rigid Poly(Vinyl Chloride) (PVC) Soffit³

E 631 Terminology of Building Constructions⁴

2.2 *Council of American Building Officials:*

CABO One and Two Family Dwelling Code: Section R-707 Attic Ventilation⁵

3. Terminology

3.1 *General*—Definitions are in accordance with Terminologies D 883 and E 631 and abbreviations with Terminology D 1600 unless otherwise indicated.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 *backerboard*—a flat material used on the face of the house, applied between the studs and the siding (or over existing wall surface) to provide an even surface means install the vinyl siding.

3.2.2 *buttlock*—this is referred to as the bottom of a siding or soffit product, or accessory piece, opposite the nail hem, which locks onto the preceding panel.

3.2.3 *crimp*—small protrusions, typically approximately ½ in. (12.7 mm) long, ⅛ in. (3.2 mm) wide, and projecting ⅛ in. (3.2 mm) formed by a crimper (snaplock punch). (See Fig. 1.)

3.2.4 *crimper*—a special hand tool designed to form crimps (snaplock ears) intended to hold partial panels in place. (See Fig. 1.)

3.2.5 *face nail*—the action of fastening directly on to the “face” of a panel (instead of using the nail slot).

3.2.6 *fascia*—the trim along the perimeter of roofs or roof overhangs. (See Fig. 2.)

3.2.7 *flashing*—special membrane pieces or manufactured trim pieces used to supplement siding panels in weather protection around openings, such as windows and doors.

3.2.8 *furring/furring strip*—a wooden or steel framing material, usually a 1 × 2 in. used to even the surface in preparation of installation. To “fur” a surface means to apply these strips.)

3.2.9 *nailslot punch*—a special hand tool used to create slots for attachment of field-modified siding or accessories. (See Fig. 3.)

3.2.10 *snaplock ears*—See *crimp* and Fig. 1.

3.2.11 *snaplock punch*—See *crimper* and Fig. 1.

¹ This practice is under the jurisdiction of ASTM Committee D20 on Plastics and is the direct responsibility of Subcommittee D20.24 on Plastic Building Products. Current edition approved July 10, 2003. Published August 2003. Originally published in 1991. Last previous edition approved 2002, published as D 4745 – 02a.

² *Annual Book of ASTM Standards*, Vol 08.01.

³ *Annual Book of ASTM Standards*, Vol 08.04.

⁴ *Annual Book of ASTM Standards*, Vol 04.07.

⁵ Available from Council of American Building Officials, 5203 Leesburg Pike, Falls Church, VA 22041.

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