

## TCP-50V - Corner Protector, 2" Wing (50mm)

### PART 1—GENERAL

#### 1.01 SUMMARY

A. Wall guard system for wall protection and decoration.

#### 1.02 SECTION INCLUDES

A. TCP-50V Corner Protector

#### 1.03 REFERENCES

A. American National Standard Institute (ANSI)

B. American Society for Testing and Materials (ASTM)

C. National Fire Protection Association (NFPA)

D. Society of Automotive Engineers (SAE)

E. Underwriters Laboratory (UL)

F. Uniform Building Code (UBC)

#### 1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide wall guard systems that conform to the following requirements of regulatory agencies and the quality control of Tepromark Architectural Products, LLC.

1. Fire Performance Characteristics: Provide UL classified wall guards conforming with NFPA Class A fire rating. Surface burning characteristics, as determined by UL-723 (ASTM E-84), shall be flame spread of 15 and smoke development of 400.

2. Self Extinguishing: Provide wall guards with a CC1 Classification, as tested in accordance with the procedures specified in ASTM D-635-74, Standard Test Method of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position, as referenced in UBC 52-4-1988.

3. Impact Strength: Provide Rigid vinyl profile materials that have an Impact Strength value of 18 as tested in accordance with the procedures specified in ASTM D-256, Impact Resistance of Plastics.

4. Chemical and Stain Resistance: Provide wall guards that show resistance to stain when tested in accordance with applicable provisions of ASTM D-543.

5. Fungal and Bacterial Resistance: Provide rigid vinyl that does not support fungal or bacterial growth as tested in accordance with ASTM G-21 and ASTM G-22.

6. Color Consistency: Provide components matched in accordance with SAE J-1545—(Delta E) with a color difference no greater than 1.0 units using CIE Lab, CIE CMC, CIE Lch, Hunter Lab or similar color space scale systems.

#### 1.05 SUBMITTALS

A. Product Data: Manufacturer's printed product data for each type of wall guard specified.

B. Detail Drawings: Mounting details with the appropriate fasteners for specific substrates.

C. Samples: Verification samples of the wall guard, 8" (203mm) long, in full size profiles for each product indicated.

D. Manufacturer's Installation Instruction: Printed installation Instructions for each wall guard.

#### 1.06 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in unopened factory packaging to the jobsite.

B. Inspect materials at time of delivery to assure that specified products have been received.

C. Store in original packaging in a climate controlled location away from direct sunlight.

#### 1.07 PROJECT CONDITIONS

A. Environmental Requirements: Products must be installed in an interior climate controlled environment.

#### 1.08 WARRANTY

A. Standard Tepromark Architectural Products, LLC. 5 year warranty against material and manufacturing defects.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURER

A. Acceptable Manufacturer: Tepromark Architectural Products, LLC, 248 5th Ave SE, Osseo, MN, 55369 USA.

Telephone 763-273-8484, Fax: 763-273-8485,

[www.tepromark.com](http://www.tepromark.com)

B. Substitutions: Not permitted.

C. Provide all wall guards and wall protection from a single source.

D. All products are to be manufactured in the USA.

#### 2.02 MANUFACTURED UNITS

A. Wall Guard Profile

1. TCP-50V Corner Protector, 2" (50mm) wing x specified height.

2. Standard Lengths: 4 and 8 foot. (1.2m and 2.4m)

#### 2.03 MATERIALS

A. Vinyl: .080" (2mm) thickness shall be extruded from chemical and stain resistant polyvinyl chloride with the addition of impact modifiers. No plasticizers shall be added (plasticizers may aid in bacterial growth).

#### 2.04 COMPONENTS

#### 2.05 FINISHES

A. Vinyl Covers: Colors of the wall guard to be selected by the architect from the Tepromark Architectural Products, LLC. color selection.

Surface shall have a pebble texture.

### PART 3 - EXECUTION

#### 3.01 EXAMINATION

A. Examine areas and conditions in which the wall guard systems will be installed.

1. Complete all finishing operations, including painting, before beginning installation of wall guard system.

B. Wall surface shall be dry and free from dirt, dust, grease, and loose paint.

#### 3.02 PREPARATION

A. General: Prior to installation of wall guard system, clean substrate to remove dust, debris, and loose particles.

#### 3.03 INSTALLATION

A. General: Locate wall guard as indicated on the approved detail drawing for the appropriate substrate. Install wall guard level, plumb, and at the height indicated on the appropriate drawing, with surfaces free from distortion or other defects in appearance.

B. Install all wall guard systems in accordance and compliance with Tepromark Architectural Products, LLC. installation instructions.

#### 3.04 CLEANING

A. At completion of the installation, clean surfaces in accordance With the Tepromark Architectural Products, LLC. clean-up and maintenance instructions.