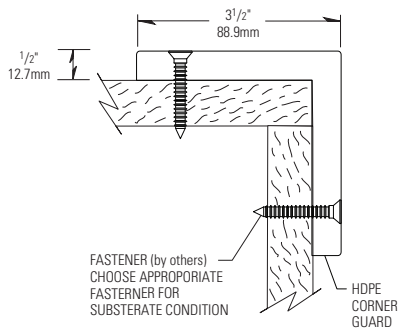


# Nu•Tree™ Corner Guards



- For use in heavy duty areas, such as loading docks and back of house areas
- Manufactured from recycled number two plastic containers
- Fade resistant and easy to install
- Conform to NFPA class B fire rating
- Available in black
- Contains up to 95% recycled content – may contribute to Recycled Content credit in the LEED® Rating Systems

IPC.493/REV.2

# Nu•Tree™ Corner Guards

## Suggested Specifications

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### Part 1 - GENERAL

#### 1.01 Summary

A. Recycled plastic corner guards, for wall protection

#### 1.02 SECTION INCLUDES

A. NuTree Corner Guards

#### 1.03 REFERENCES

A. American Society for Testing and Materials (ASTM)

B. National Fire Protection Association (NFPA)

#### 1.04 SYSTEM DESCRIPTION

A. Performance Requirements: Provide NuTree Corner

Guards that conform to the following requirements of regulatory agencies and the quality control of IPC Door and Wall Protection Systems, InPro Corporation.

1. Fire Performance Characteristics: Provide NuTree Corner Guards conforming with NFPA Class B fire rating. Surface burning characteristics, as determined by ASTM E-84 shall be flame spread of 55 and smoke development of 450 or less.

2. Compression: Provide NuTree Corner Guards made of material that has a compression of 92,249 psi, secant modulus and 1,734 stress at 3% strain as tested in accordance with ASTM D6108, Standard Test Method for Compressive Properties of Plastic Lumber and Shapes.

3. Density: Provide NuTree Corner Guards made of material that has a density of .68559 grams/cubic centimeter as tested in accordance with ASTM D6111, Standard Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by displacement.

4. Flexure: Provide NuTree Corner Guards made of material that has a flexure of 98,956 psi, secant modulus and 1,948 stress at 3% strain as tested in accordance with ASTM D6109, Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastic Lumber.

5. Fastener Shear: Provide NuTree Corner Guards made of material that has a fastener shear maximum load of 2,464 pounds as tested in accordance with ASTM D6177, Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shapes.

#### 1.05 SUBMITTALS

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

B. Detail Drawings:

C. Samples: Verification samples of corner protection, in full size profiles of each type and color indicated.

D. Manufacturer's Installation Instruction: Printed installation instructions for NuTree Corner Protection.

#### 1.06 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in unopened factory packaging to the jobsite

B. Inspect materials at 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 WARRANTY

A. Standard IPC Limited Lifetime Warranty against material and manufacturing.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURER

A. Acceptable Manufacturer/Distributor:  
IPC Door and Wall Protection Systems,  
InPro Corporation  
PO Box 406 Muskego, WI 53150 USA;  
Telephone: 800.222.5556, Fax: 888.715.8407,  
www.inprocorp.com

B. Substitutions: Not permitted

C. Provide all NuTree Corner Guards from a single source.

#### 2.02 MANUFACTURED UNITS

A. Corner Guard Profile

1. NuTree Corner Guard

Model number, dimensions NT-CG-11, 3-1/2"(89mm) x 96"(2.43m)height x 1/2"(13mm) thick

#### 2.03 MATERIALS

A. High Density Polyethylene: Lengths of high density polyethylene shall be extruded from chemical and stain resistant post consumer and pre-consumer recycled material.

#### 2.04 FINISHES

A. NuTree Corner Guards: Colors of the corner guard shall be black. Surface shall be smooth.

### PART 3 - EXECUTION

#### 3.01 EXAMINATION

A. Examine areas and conditions in which the corner protection will be installed.

1. Complete all finishing operations, including painting, before beginning installation of corner protection materials.

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

#### 3.02 PREPARATION

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

#### 3.03 INSTALLATION

A. General: Locate corner guard as indicated on the approved detail drawing for the appropriate substrate, and in compliance with the IPC installation instructions. Install corner guard level and plumb at the height indicated on the drawings.

B. Installation of NuTree Corner Guards:

1. Cut the corner guard to desired length. Use eight fasteners (four per wing) for an 8-foot corner guard.

2. Select a #12 flat head fastener that is appropriate for the substrate. Drill 9/32" holes in the corner guard. Create a countersink at each hole location to recess the head of the fastener.

3. Attach the corner guard to the wall with fasteners.

4. If using fasteners with anchors: Use the corner guard as a template and transfer the hole locations to the wall. Drill holes in the wall using the drill size recommended by the fastener/anchor manufacturer.

#### 3.04 CLEANING

A. At completion of the installation, clean surfaces in accordance with the IPC clean up and maintenance instructions.