**3-Part CSI MasterFormat Specification**

**SECTION 10 2600**

**WALL AND DOOR PROTECTION**

1. **- GENERAL**

## SECTION INCLUDES

### Corner Guard, Polycarbonate

## COORDINATION

### If product is to be recessed, coordinate with substrate work so that products are available for placing integrally with wall construction.

## SUBMITTALS

## A. Product Data: Manufacturers product specifications, installation and maintenance instructions.

## B. Shop Drawings: Show layout and types of corner guard not less than half-scale sections of typical installations, details of patterns or designs, anchors, and accessories, and field measurements of substrate to receive corner guards.

## C. Samples for Selection Purposes: Actual sections of material in a convenient but representative size showing full range of colors, textures, finishes and patterns available for each type specified.

## D. Installation, Operations and Maintenance data.

## E. LEED Submittals:

## 1. Product Data for Credit IEQ 4.1: For adhesives, documentation including printed statement of VOC content.

## 2. Laboratory Test Reports for Credit IEQ 4: For adhesives, documentation indicating that products comply with the testing and product requirements of the California Department of Health Services' inchStandard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers. inch

## QUALITY ASSURANCE

1. Comply with NFPA 101 for interior finish materials. Smoke developed less than 450 degree F and flame spread of 25 or less in accordance with ASTM E84.
2. Impact Strength: Provide rigid vinyl profile materials that have an Impact Strength of 30.2 ft-lbs/inch of thickness as tested in accordance with the procedures specified in ASTM D-256-90b, Impact Resistance of Plastics.

## DELIVERY, STORAGE AND HANDLING

### Delivery: Deliver materials to site in manufacturer’s original, unopened containers and packaging with labels clearly indicating manufacturer and material.

### Storage: Store materials indoors in a clean, dry area protected from damage and in accordance with manufacturer’s instructions.

### Handling: Protect materials during handling and installation to prevent damage.

1. - PRODUCTS

2.01 MANUFACTURER

Nystrom

9300 73rd Ave N

Minneapolis, MN 55428

PH: 800.547.2635

www.Nystrom.com

### 2.01 Corner Guard, Polycarbonate

1. Nystrom model CGL Lexan® polycarbonate corner guard mechanically attached to substrate corner with screws. Exposed surfaces shall be free of wrinkling, chipping, discoloration, or other imperfections.
	1. Dimensions
		1. Wing size:
			1. 3/4 inch (19.05mm), 4 foot length, surface mount Model: CGLSS75X48
			2. 3/4 inch (19.05mm), 8 foot length, surface mount Model: CGLSS75X96
			3. 1-1/8 inch (28.56mm), 4 foot length, surface mount Model: CGLSS1125X48
			4. 1-1/8 inch (28.56mm), 8 foot length, surface mount Model: CGLSS1125X96
			5. 1-1/2 inch (38.1mm), 4 foot length, surface mount Model: CGLSS15X48
			6. 1-1/2 inch (38.1mm), 8 foot length, surface mount Model CGLSS15X96
			7. 2 inch (50.8mm), 4 foot length, surface mount Model: CGLSS2X48
			8. 2 inch (50.8mm), 8 foot length, surface mount Model: CGLSS2X96
			9. 2-1/2 inch (63.5mm), 4 foot length, surface mount Model: CGLSS25X48
			10. 2-1/2 inch (63.5mm), 8 foot length, surface mount Model: CGLSS25X96
		2. Corner angle type: 90degree standard
			1. Specify other (135 degree for 2-1/2 inch wing only: Model CGLSS25X4 -D135 or CGLSS25X96-D135 )
	2. Profile: High impact Lexan® polycarbonate 0.1 inch (2.54mm) thick. Tested in accordance with ASTM D1929.
	3. Mounting: Standard pre-drilled holes
	4. Color: Clear
2. **- EXECUTION**

3.01 EXAMINATION

1. Verify by examination that wall surface is acceptable to receive the specified corner guard. Notify the Architect in writing if wall surfaces are not acceptable.
	* + 1. Do not begin installation until unacceptable conditions have been corrected.

3.02 INSTALLATION

A. Place the corner guard in position. Secure in position through pre-drilled holes with mounting screws.

3.03 CLEANING

A. Clean corner guards of adhesives, dust, dirt, and other contaminants.

END OF SECTION

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