

# Hygard® CG

## Containment Grade Polycarbonate

### Description and Overview

Hygard® Containment Grade polycarbonate sheets have been tested to ASTM F 1915 (detention facility glazing testing), ASTM F 1233 (standard testing for security glazing materials), and H.P. White TP 0500 standards. They resist spalling and white-out after high force impacts. This resistance maintains the high optical clarity of Hygard® CG, even during the event of an attack.

### Applications and Uses

Hygard® CG sheet ratings are dependent on thickness. A .375 inch sheet is rated Grade 3 under the ASTM F1915 test method, while .500 inch and .750 inch sheets are rated Grade 1. Hygard® CG polycarbonate sheets are used in critical areas where safety and security are the top priority.

- Jails
- Detention centers
- Psychiatric hospitals
- Reception areas
- Convenience stores
- Check cashing centers of facilities



### Typical Properties

Property	Values
Gauge / Tolerance	0.522 in ± 5%
	3.3 lbs / sq ft
Shading Coefficient	0.90
U-Value	0.74
Light Transmission	83%

\*Typical properties are not intended for specification purposes

### Product Performance Ratings

#### BALLISTIC

H.P. White TP 0500, Level A  
 ASTM F 1233, Class HG1 .38 Special LRN  
 FORCED ENTRY & CONTAINMENT  
 ASTM F 1233 Class 1.5 (contraband passage) and Class 3.2 (body passage)  
 ASTM F 1915 Grade 1  
 H.P. White TP 0500 Level 1 Sequence 15

#### AGENCY INFORMATION

Combustibility Class CC1  
 Florida Building Code 2017, 6th Ed.  
 Miami-Dade NOA: NOA

330 Commerce Circle  
 Sacramento, CA 95815  
 (888) 768-5759



WARNING: This product can expose you to chemicals, which are known to the State of California to cause cancer, birth defects, and/or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

