

# PLASKOLITE

**TUFFAK® CA CLASS-A  
RATED POLYCARBONATE  
SHEET**

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PRODUCT BROCHURE





In the design world, aesthetics and functionality are strong motivators for product selection. Versatility and flexibility are two key components in the process, but building code regulations are also a critical component. Until recently, Class A fire ratings were frequently achieved by glass in many applications. But now, the **TUFFAK® CA** family of thermoplastic products have entered the selection process with three grades that may be ideal for your applications. These innovative polycarbonate sheets meet International Building Code (IBC) and National Fire Protection Association 286 (NFPA) for Class A rated material. These products are available in clear, standard colors and tints, and textures. Like all TUFFAK sheet products TUFFAK CA is half the weight of glass, easy to fabricate and virtually unbreakable.

**TUFFAK CA** is an optical grade transparent sheet and meets Class A rating for decorative colors and patterns for ceiling and wall finishes, coverings and light diffusers.

**TUFFAK CA-UV** has outstanding impact strength with 2 sided UV enhanced properties for outstanding weathering resistance.

**TUFFAK CA-AR** one or two sided polycarbonate sheet has a proprietary hard coat also provides excellent chemical resistance and is backed by a seven (7) year limited product warranty for breakage, yellowing and hazing.

#### **Regulatory code compliance and certifications**

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ANSI Z97.1-2009, 2015: American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test, Class A, Unlimited

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AAMA 501.8: Resistance to Human Impact of Windows Systems Intended for Use in Psychiatric Applications

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CPSC 16 CFR 1201 Category I and Category II: Safety Standard for Architectural Glazing Materials

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Class A rated per the 2015 International Building Code Section 803.1 for interior wall and ceiling finishes

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2018 International Building Code, Section 3105.3 Canopy Material Flame Requirements

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# TUFFAK CA POLYCARBONATES

## TUFFAK CA

- » Meets Class A rating
- » Range of product offerings
- » 5 year limited product warranty

### Applications:

- » Interior wall finishes
- » Interior ceiling finishes
- » Wall cladding



## TUFFAK CA-UV

- » Meets Class A rating
- » Easy to cold bend or thermoform
- » 2-sided UV enhanced
- » 10 year limited product warranty

### Applications:

- » Architectural canopies
- » Pedestrian walkways
- » Bus Shelters
- » Barrell Vaults

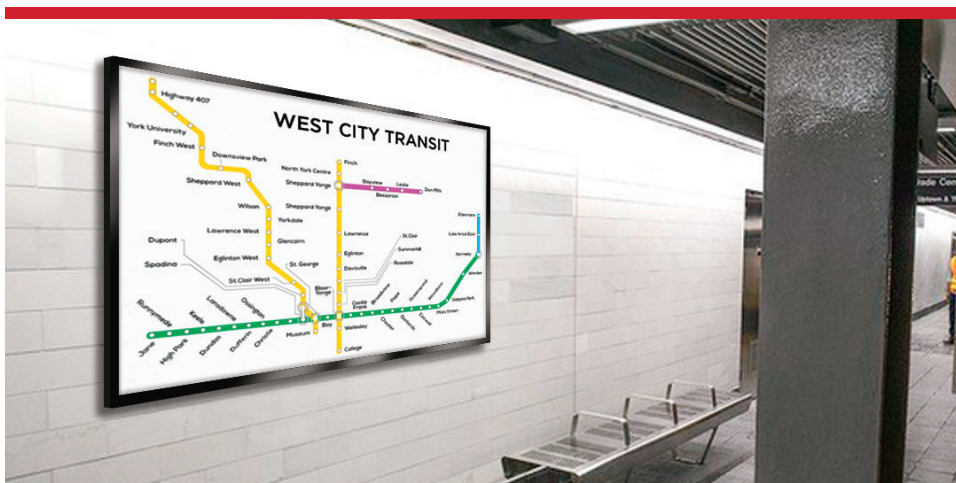


## TUFFAK CA-AR

- » Meets Class A rating
- » Abrasion resistant one or two sides
- » Digital print uncoated side
- » Clear Interior walls allow natural light
- » Available in clear and tints
- » 7 year limited product warranty

### Applications:

- » Wall fixtures
- » Institutional glazing



\*Not for cold bending or thermoforming due to hard coat

### Opportunities for TUFFAK CA products where glass breakage is a concern:

- » Wall cladding
- » Decorative cladding
- » Wall guarding
- » Ceiling cladding
- » Decorative interior finishes
- » Information maps

# PLASKOLITE

A GLOBAL LEADER IN THE PRODUCTION OF THERMOPLASTIC SHEET

FOUNDED IN 1950

Our Mission: to deliver superior thermoplastic sheet, coatings and polymers to the world, through long-lasting customer relationships and hands-on customer service.

## MANUFACTURING LOCATIONS



From our founding, PLASKOLITE strives to treat our employees, our customers, our community and the world, with kindness, dignity and respect. This drives our continuing effort to create sustainable products, in a sustainable manner, for future generations. This on-going commitment is expressed in the

### PLASKOLITE Sustainable Ecosystem:

## QUICK FACTS

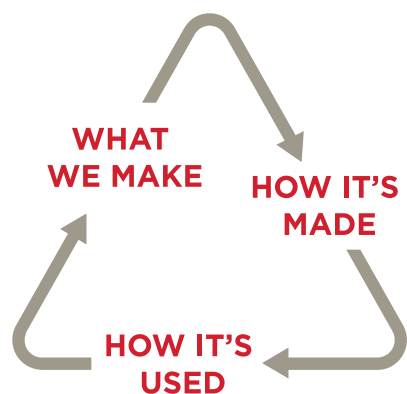
**STATUS:** Privately held

**GLOBAL HEADQUARTERS:** Columbus, OH

**EMPLOYEES:** 1900 Worldwide

**MARKETS SERVED:** Signage, Lighting, Retail Display, Construction, Transportation, Security, Bath & Spa, Industrial, Architecture, Green Houses

## EACH CONTRIBUTES TO MAKING THE WORLD A BETTER PLACE



### WHAT WE MAKE

Versatile, high-quality, durable thermoplastic materials...not single-use

### HOW IT'S MADE

How we make our products reflects our overall philosophy of continuous

### HOW IT'S USED

Our thermoplastics play an important role in advancing human well-being,

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.