

# LIGHTBLOCKS<sup>®</sup> Applications

## Walls, Partitions and Room Dividers

### Installations:

Attached to finished wall surface  
Suspended (hung) in front of finished wall surface  
Attached directly to wall framing  
In-fill panels in wall openings  
Glued to a substrate and attached to wall surface  
Room/space dividers independent of the walls  
Illuminated

### Application Methods:

Mechanical fasteners  
Standoffs  
Framing Systems  
Cables & Clips  
Poles & Clips  
Combinations of the above

### Key Design Considerations:

Expansion and contraction  
Panel flatness and stiffness (acrylic versus glass)  
Non-structural applications  
Fire rating requirements

## Doors

### Installations:

Interior & exterior doors: hinged, sliding, folding  
Cabinet doors  
Movable room/space dividers: sliding, folding

### Application Methods:

Framed: in-fill panels  
Framed: surface mounted  
Sliding track hardware (framed or with solid acrylic)  
Top and bottom tracks (framed or with solid acrylic)

### Key Design Considerations:

Expansion and contraction  
Panel flatness and stiffness  
Nominal thickness

All non-framed doors are subject to limitations

## **Ceilings**

### Installations:

Drop-in tiles  
Suspended panels  
Attached to framing  
Accent panels/fixtures

### Application Methods:

Suspended ceiling tracks  
Cables and rods  
Framed  
Mechanical Fasteners

### Key Design Considerations:

Deflection  
Expansion and contraction  
Panel flatness and stiffness  
Fire rating

## **Countertops**

We have created a special line of Materials for Countertops!

### Installations:

Kitchen and Bath  
Reception desks, office furniture and desks  
Food services areas and buffets

### Application Methods:

Glue-down (mastic, silicone, double coated tape)  
Standoffs  
Mechanical fasteners  
Friction pads

### Key Design Considerations:

Expansion and contraction  
Joints between sections  
Spans and deflection  
Nominal thickness and thickness variance  
Factory seamed joints

## **Furniture and Displays**

### Installations:

Cabinets  
Desks  
Conference tables  
Bookcases  
Shelves

### Application Methods:

Factory glued-up units (either all or in part)  
Factory manufactured parts (integrated with client's parts)  
Standoffs  
Mechanical fasteners  
Glue-down (mastic, silicone, double coated tape)  
Framed

### Key Design Considerations:

Expansion and contraction  
Joints between panels or parts  
Deflection  
Nominal thickness and thickness variance

## **Tables**

We have developed a special line of materials for tables!

### Installations:

Restaurants and bars  
Offices and cafeterias  
Residential

### Application Methods:

Screws (PVC Sub-base)  
Double coated tape  
Inserts

### Key Design Considerations:

Spans and deflection  
Sub-bases

## **Signage**

### Installations:

Corporate identification and logos  
Business signs  
Information and ADA signs  
Illuminated  
Wayfinding  
Donor Walls

### Type:

Routed  
Painted  
Printed  
Silk-screened

### Application Methods:

Standoffs and mechanical fasteners  
Framed  
Cables and clips  
Double coated tape  
magnetic

### Key Design Considerations:

Font/design replication  
Routing limitations  
Attachment requirements  
Expansion and contraction

## **Lighting**

### Installations:

Diffusers  
Fixtures (all or in part)  
Lamps  
Sings  
Sconces  
Light Boxes

### Application Methods:

Framing systems  
Standoffs  
Mechanical fasteners

## Hanging

### Key Design Considerations:

Light intensity and fixture visibility

Heat discharge

Expansion and contraction

Panel flatness and stiffness

Fire rating requirements

## Floors

### Installations:

Floor coverings

Floor accents

### Application Methods:

Glue-down

Double coated tape

Framing systems

### Key Design Considerations:

Expansion and contraction

Nominal thickness

Moisture control

Slip rating

## Serving Products

### Installations:

Plates

Platters

Trays

### Application Methods:

None

### Key Design Considerations:

Food contact surface

## Objects

### Installations:

Tabletop products

Application Methods:

Various

Key Design Considerations:

Various

## **Artwork**

Installations:

Paintings

Sculpture

Wall art

Application Methods:

Various

Key Design Considerations:

Various