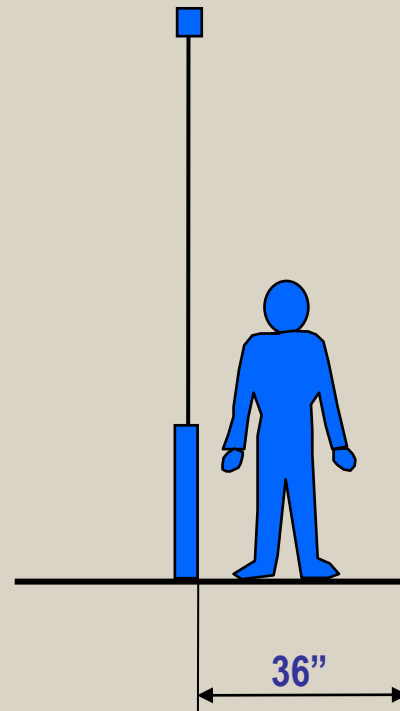
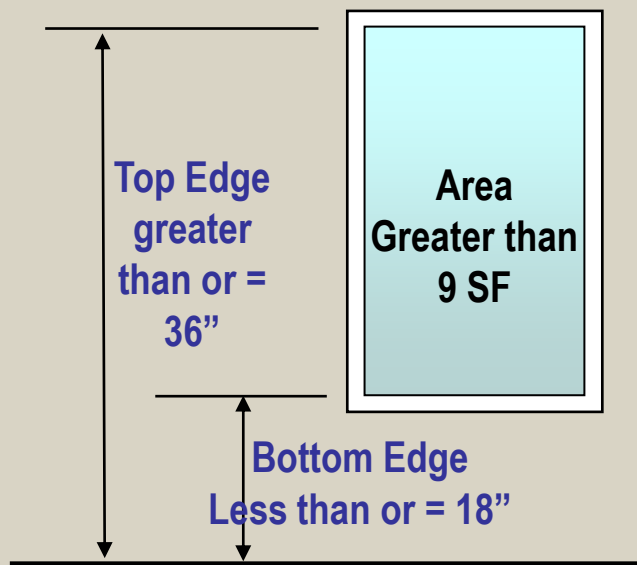


# Safety Glazing 101

## IBC Code Requirements



Glazing in an individual fixed or operable panel, which meets **all** of the following conditions.



$$\text{Width} \times \text{Height} / 144 = \text{sq. ft}$$

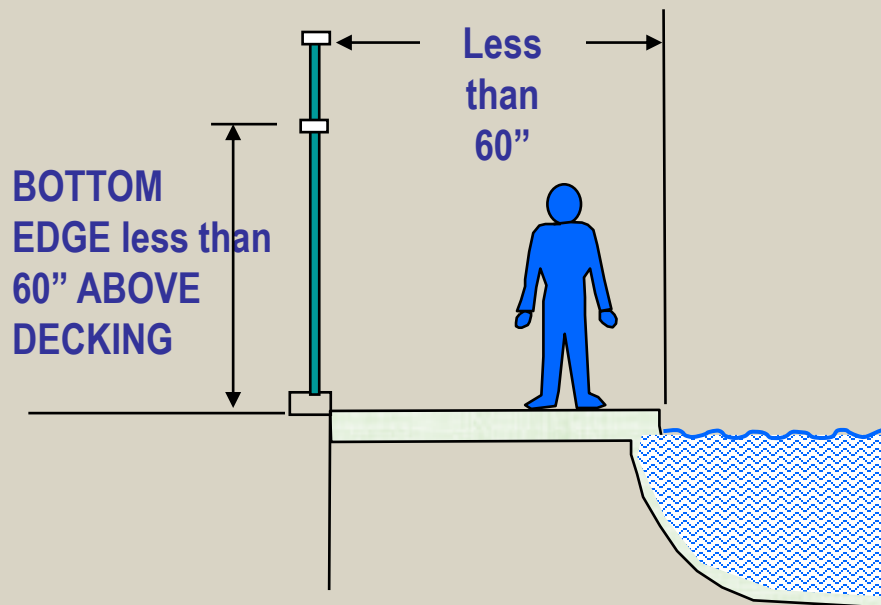


# Safety Glazing 101

## IBC Code Requirements



Glazing in walls and fences enclosing a swimming pool, hot tub or spa where **all** of the following conditions are present.

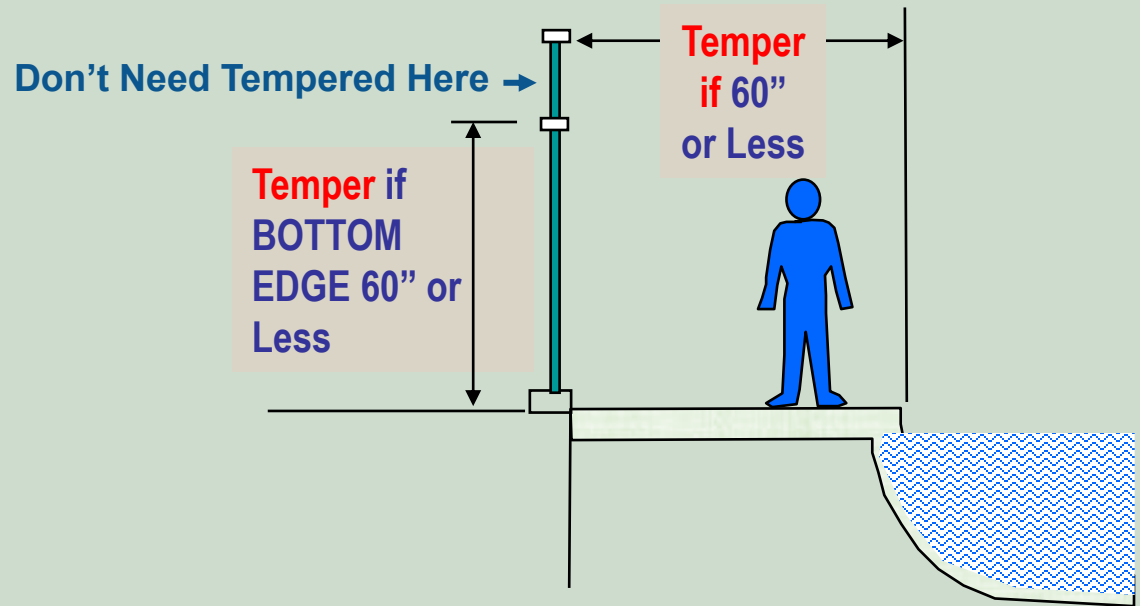


# Temper units in proximity to wet surfaces

## – When Should it be Used?

### *This also Includes*

- **Showers**
- **Hot Tub**
- **Pool Area**
- **Bathtubs**



# ***Tempering in Bathrooms***

- When Should it be Used?

***Window Glass Edge is within “60 above” of a Bath Tub Drain or Standing “Deck” Surface***



- *Glass edge to Tub base 60” or less*
- *Deck around Tub within 60”*

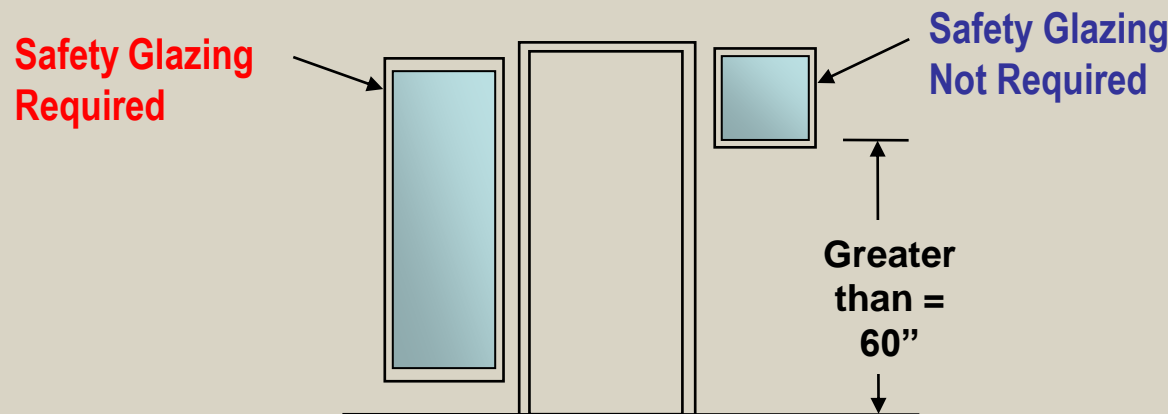


# Safety Glazing 101

## IBC Code Requirements



Glazing in individual fixed or operable panels adjacent to a door where the nearest exposed edge of the glazing is within a 24" arc of either vertical edge of the door in a closed position and where the bottom exposed edge of the glazing is less than 60" above the walking surface.

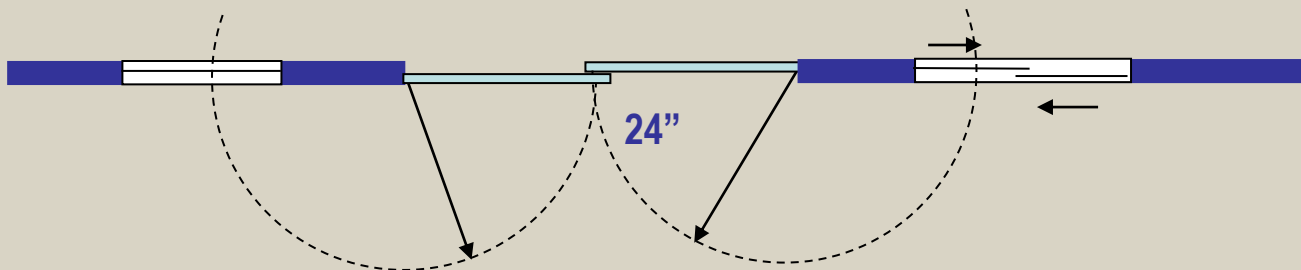


# Safety Glazing 101

## IBC Code Requirements



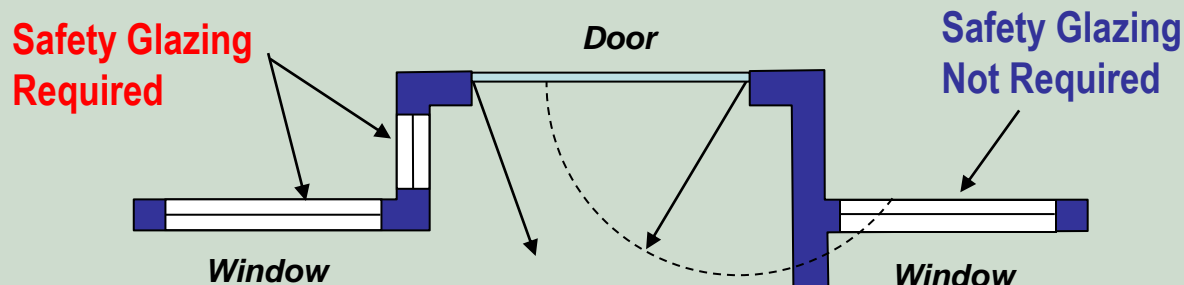
**Glazing in individual fixed or operable panels adjacent to a door where the nearest exposed edge of the glazing is within a 24" arc of either vertical edge of the door in a closed position and where the bottom exposed edge of the glazing is less than 60" above the walking surface.**



# Tempering around doors

- When Should it be Used?

***Glass Edge within 24" Arc  
of a hinged door (Unless a wall Separates the door Operation)***



# ***Real life example***

- When Should it be Used?

***Glass Edge within 24" Arc  
of a hinged door***





# Transom Example

- When Should it be Used?

***Glass Edge within 60”  
of the Floor Near a Door***



***60 Inches  
Off the Floor***



# ***Tempering in Stairways Landings and Ramps***

- Glazing adjacent to stairways, landings and ramps within 36 inches horizontally of a walking surface when the exposed surface of the glass is less than 60 inches above the plane of the adjacent walking surface.
- Glazing adjacent to stairways within 60 inches horizontally of the bottom tread of a stairway in any direction when the exposed surface of the glass is less than 60 inches above the nose of the tread.



# ***Temper when within 60" stair tread/landing***

- When Should it be Used?

***In Stairways, Landings or Ramps within 60" of tread***



# ***Not all stairs/landings on inside***



***Consider exterior conditions for  
Stairs/Landings when considering  
If window needs Tempered Glass***



# ***When in doubt “Temper”***

## **Summary**

1. All Patio, Entry, and Storm Doors...automatically done
2. Glass Edge is within 18” of floor/walking surface, and greater than 9 square feet and walking surface within 36” of glass
3. Window Glass Edge is within “60 above” of a Bath Tub Drain or Standing “Deck” Surface
4. Glass Edge within 24” Arc of a Hinged Door/Gliding Door and within 60” of the floor
5. Local municipalities have jurisdiction

## **When in Doubt....Safety Glaze (Temper!)**

