



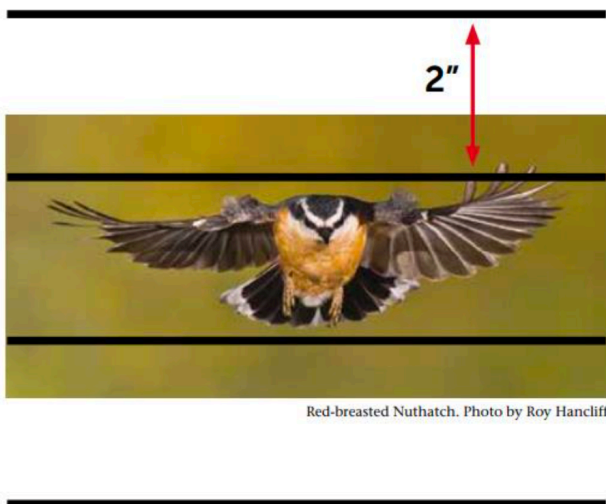
## BIRDPRO DIGI

### DESCRIPTION

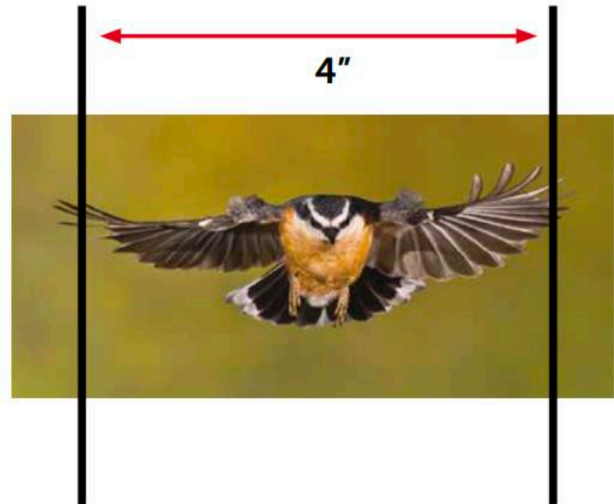
BIRDPRO™ DIGI, is a digitally printed bird-friendly glass that offers limitless customization options in threat levels 20 and 25 as per the American Bird Conservancy. BIRDPRO™ DIGI uses ceramic-based inks that are completely compatible for use in external facades and are immune to the effects of UV and other environmental factors. The inks can be printed on surface 1 without the risk of peeling or surface degradation. Our ceramic inks and patterns are an ideal solution for bird-friendly glass applications, significantly reducing reflection and glare and provide a visual barrier for the birds to detect the panels. Additionally, with inherent digital printing advantages, they allow for more complex design patterns while adhering to the standardized guidelines of the “2x4 rule” which has been proven to significantly reduce the number of bird collisions.

### THE “2X4” RULE

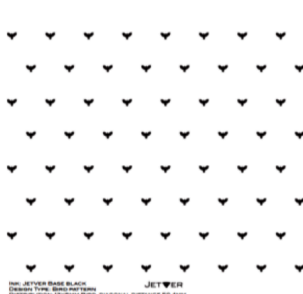
Horizontal lines with maximum spacing of 2"



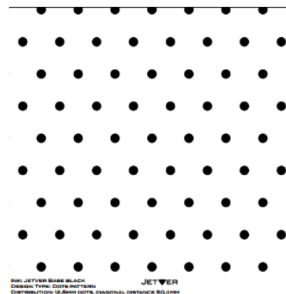
Vertical lines with maximum spacing of 4"



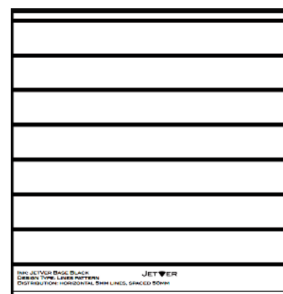
### DESIGN TYPES



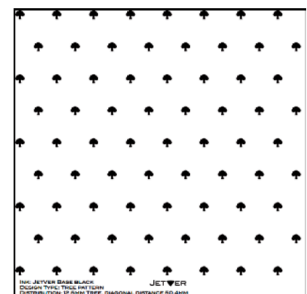
Design Type: Bird Pattern  
Distribution: 13 mm X 8 mm Bird  
Diagonal Distance: 50.4 mm  
Colours: Black, Blue, Red, Yellow, Green, White and Etch  
Threat Factor: 25



Design Type: Dots  
Distribution: 12.50 mm dots  
Diagonal Distance: 50.4 mm  
Colours: Black, Blue, Red, Yellow, Green, White and Etch  
Threat Factor: 20



Design Type: Lines  
Distribution: Horizontal Lines  
Spacing: 50 mm  
Colours: Black, Blue, Red, Yellow, Green, White and Etch  
Threat Factor: 20



Design Type: Tree  
Distribution: 12.50 mm tree  
Diagonal Distance: 50.4 mm  
Colours: Black, Blue, Red, Yellow, Green, White and Etch  
Threat Factor: 25

## PRODUCT FAMILY

1. BIRDPRO™ DIGI FIRST: Clear insulated glass unit
2. BIRDPRO™ DIGI CLARITY: Ultra clear insulated glass unit
3. BIRDPRO™ DIGI TONE: Tinted insulated glass unit
4. BIRDPRO™ DIGI SOLAR: Solar-control coated insulated glass unit (pyrolytic or MSVD coated)
5. BIRDPRO™ DIGI PRO-1: Pyrolytic low-E/single-silver low-E insulated glass unit (pyrolytic/MSVD)
6. BIRDPRO™ DIGI PRO-2: Double-Silver low-E insulated glass unit (MSVD)
7. BIRDPRO™ DIGI PRO-3: Triple-Silver low-E insulated glass unit (MSVD)
8. BIRDPRO™ DIGI PRO-4: Quad-Silver low-E insulated glass unit (MSVD)

## GENERAL CHARACTERISTICS

FEATURE	DESCRIPTION
Process Type	Horizontal Roller-Hearth Convection Furnace
Glass Types	Clear, extra clear, ultra clear, tinted, solar-control coated, low-E coated
Threat Factor	20 or 25 (as per American Bird Conservancy)
Additional Process Compatibility	Holes, cutouts and notches
Product Enhancement	Can be converted to CLIMACOOL (insulated glass) and LAMISECURE (laminated glass)
Glass Thickness	4 mm to 25 mm
Edge Types	Rough grind, arrissed, super polished
Compressive Stress (Edge)	67 MPa (9,700 psi) minimum
Compressive Stress (Surface)	69 MPa (10,000 psi) minimum
Emissivity	Minimum 0.01**

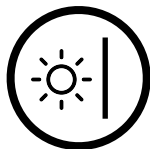
\*\* Lower emissivity only applicable for insulated or laminated glass assemblies.

## UNIQUE SELLING POINTS



### EXCELLENT PROTECTION LEVELS

Threat levels of 20 and 25 certified by ABC



### #1 PRINTS

Prints on surface 1 possible with high-durability inks



### DESIGN SERVICES

In house skilled design team for all your design needs

## DIMENSIONS

FEATURE	DESCRIPTION
Minimum Size	200 mm X 300 mm
Maximum Size	2440 mm X 3660 mm (4 mm and 5 mm)
	3000 mm X 5100 mm (6 mm)
	3000 mm X 6000 mm (8 to 19 mm)
	25 mm maximum size available on request

## LABELLING

Each piece of BIRDPRO™ DIGI shall be permanently labeled with the FG logo, process type and relevant standard description. In cases where the glass is made under a specific listing, the same shall be incorporated in the label. Order-specific labeling is also possible, under certain terms and conditions.

## STANDARDS

BIRDPRO™ DIGI is manufactured as per BIS 2553: Part 1 (2018), EN 12150, ASTM C1048 and/or AS/NZS 2208: 1996.

## LISTINGS

1. Bureau of Indian Standards IS 2553: Part 1 (2018) - License Number 78001028
2. StandardsMark License AS/NZS 2208: 1996 - License Number SMK41109
3. Safety Glazing Certificate Council ANSI Z97.1 - 2015 & CPSC 16 CFR 1201 - License Number 8344 & 8355

## STORAGE

BIRDPRO™ DIGI requires storage in a covered, dry area, unexposed to rain and dust. Each sheet of BIRDPRO™ DIGI should be separated with the help of non-adhesive transferring cork/rubber pads. Prolonged storage without separation or with paper separation may result in permanent and irreversible damage to the glass surface. This is even more critical for coated surfaces.