

# A future of urban icons forged by **NORTHGLASS** expertise

Featuring a groundbreaking seven-layer laminated IGU curtain wall, the 'Ring of Glory' recently unveiled by NORTHGLASS in Lingang, Shanghai, is an architectural marvel that showcases cutting-edge glass innovation - merging structural sophistication in a monumental circular landmark that redefines the city's skyline with its bold design.

layer laminated insulating glass unit (IGU) curtain wall system, entirely engineered and fabricated by NorthGlass.

## PERFORMATIVE DESIGN

Architecturally audacious, the 'Ring of Glory' evokes the image of a massive, golden ring suspended above the cityscape. Realizing such an ambitious vision required materials and construction techniques of the highest order. NorthGlass met this challenge by producing custom-curved, ring-shaped curtain wall panels, each reaching an extraordinary single-panel length of up to seven metres. In total, 192, low-iron, seven-layer laminated IGUs were deployed - setting a new benchmark in both technical achievement and aesthetic execution. Balancing structural integrity with optical clarity, the glass curtain wall not only ensures panoramic views and immersive transparency but also meets stringent safety criteria for

## The Designer Says

"We hope to develop the new Lingang area of Shanghai with world-class architectural standards enabling it to aptly reflect China's important role in 21st-century globalized trade."



— Peter Schubert, Design Partner at Ennead

The construction of the 'Ring of Glory,' the centerpiece of Dishui Lake Financial Bay in Shanghai's Lingang New Area, has reached substantial completion and is slated to open officially in 2026. This monumental circular structure, striking in both scale and vision, is poised to become a defining symbol of Lingang's urban identity - captivating both residents and visitors with its futuristic silhouette. At the heart of the design is a signature elevated observation platform, enclosed by a state-of-the-art seven-

## NorthGlass Crafts the “Ring of Glory”



A Shining New Landmark in Lingang, Shanghai

the high-altitude observation deck. Leveraging advanced tempering and lamination technologies, NorthGlass precisely tailored the glass to conform to the complex geometries of the ring - achieving a seamless fusion of form and performance. Visitors ascending to the platform will encounter a dramatic, 360-degree vis-

ual experience that spans Dishui Lake to the East China Sea.

### INDUSTRY LEADERSHIP

Throughout the project, NorthGlass demonstrated its industry-leading capabilities in addressing intricate design challenges - including the manufacturing of oversized multi-

#### Glass Curtain Wall

High structural strength and excellent transparency. Balances the visual impact and safety of the observation deck.



2400mm Width  
6900mm Height  
Single glass panel size



4.5 tons  
Maximum weight per panel  
192 pieces  
Total quantity  
7-layer  
Lamination and heat treatment



NorthGlass will continue to be innovative in driving new glass solutions that perfectly integrate technology and artistry to the global market.



Design Architect: Shanghai Architectural Design & Research Institute  
Glass Supplier: NorthGlass  
Construction: Shanghai Construction Group

## Shanghai's New Landmark

layered assemblies, precision forming of curved surfaces, and navigating irregular installation conditions. By translating the architects' daring vision into built form, NorthGlass once again affirmed its position at the forefront of innovation in architectural glass. As the company looks to the future, it remains committed to delivering integrated glass solutions that redefine the boundaries between tech-

nology, design and urban expression.



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