

NOVAL GLASS

TEMPERABLE MIRROR GLASS



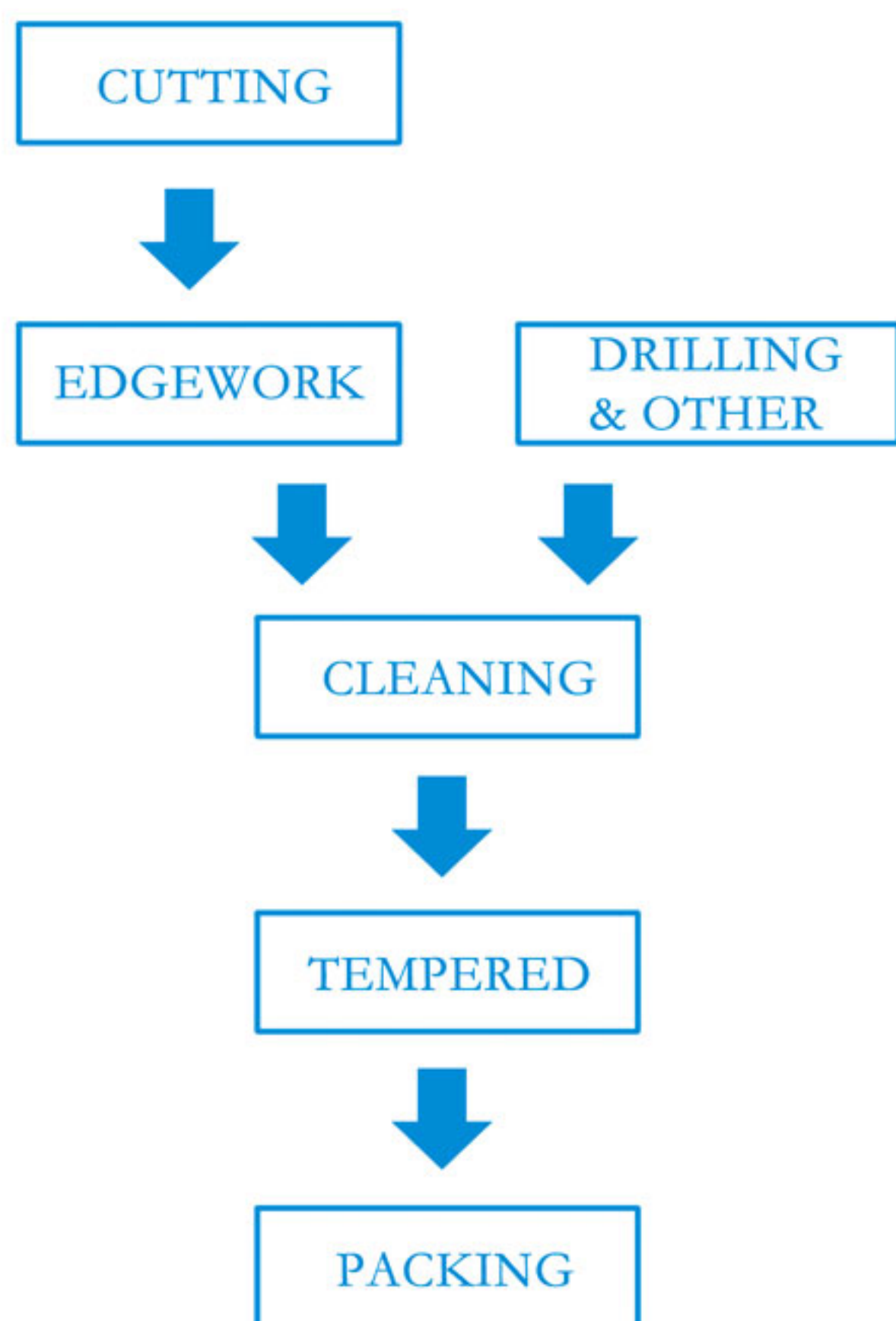
TEMPERABLE MIRROR GLASS

GENERAL INTRODUCTION

Thanks for choosing Noval Glass Temperable Mirror Glass. This Mirror Glass is produced by advanced vacuum magnetron sputtering process, coating multi-layer films on high-quality low iron float glass, which has relatively ideal visible light reflectivity.

Noval Glass Temperable Mirror Glass has rich colors, gorgeous appearance, and convenient processability to provide excellent safety effects for modern buildings and home environments. This glass realizes subsequent processing such as tempering after coating.

In order to ensure the best installation and use, and extend the service life of the product, please read this instruction carefully before use, and operate according to the method required by this instruction.



SPECIFICATION

Max Size: 3660*2440mm

Thickness: 2mm to 12mm

Color: Ultra Clear, Bronze, Grey, Blue Grey, Pink

OPTICAL PARAMETERS FOR ULTRA CLEAR

Reflecting Surface	Y=29.55	L=61.27	a=11.93	b=-13.66
Glass Surface	Y=67.21	L=85.61	a=-3.81	b=-1.46
Transmittance	Y=2.98	L=19.96	a=1.58	b=5.68

APPLICATION



UNPACKING

Noval Temperable Mirror is sealed with plastic film, shading and moisture-proof.

Normally glass is taken out of box from the glass side. So, in order to facilitate the cutting process, the coated side is facing the inside of the box when packing. Please identify the opening side before unpacking. The box card arrow mark points to the film surface.

INSPECTION

The glass should be conducted a thorough inspection before processing. If any quality problem, the processing shall be stopped immediately and put forward to us timely. The defective product shall be properly preserved, and the processing shall be continued after our after-sales personnel arrive at the site for confirmation.

PROCESSING, CLEANING & STACKING

After the glass is cut, the glass should be leaned on the A-frame (or L-frame) at 6 ~ 7 °C, and the number of stacking should not exceed 30 pieces. In the process tempering and after tempering, the film of first piece of glass should face outward, and the rest should face inward.

After unpacking, the glass shall be cut, edged, cleaned, tempered and processed as soon as possible. During the operation of each process, operators must wear dry and clean leather gloves and masks to avoid saliva or sweat polluting the film.

The standard Low-E soft brush shall be used for edge grinding cleaning machine or insolation cleaning machine to clean the film layer. The water quality shall be pure water for cleaning. The height of the cleaning machine shall be adjusted properly to prevent the film layer from being scratched, which is generally 0.5-1mm higher than the glass thickness.



HEAT TREATMENT

Heat treatment refers to tempering, heat strengthen, and bending tempering.

Please check the appearance quality of the film surface according to the corresponding standards when the product is tempered and after tempering, and check whether there is any abnormal condition such as peeling off and slag dropping. Before tempering, keep the film surface clean. If it is a product quality problem, please inform us in time and seal the package, so that we can deal with the quality problem timely and accurately.

The change of heat treatment processing technology (including the change of equipment) will affect the optical performance and color of glass, which should be adjusted according to the user's own equipment. The tempering parameters in this instruction are for reference only.

If you can adopt the above instructions and suggestions in the process of use, I believe it is very pleasant and meaningful for you and us. If you have any other problems, you need us to improve service and help, please feel free to contact us.

TEMPERING PARAMETERS	
Upper Part Temperature	675℃ - 680℃
Lower part temperature	670℃ - 675℃
Heating time	5mm for 225 - 250 Seconds
Convection (upper)	Heating Time Ratio
First paragraph	30% 5Hz
Second paragraph	25% 6Hz
Third paragraph	45% 8Hz

1. The temperature in the front and back of the furnace is 5-10 degrees lower than that in the middle.
 2. Avoid the damage of glass coating surface in each process.
 3. Each process shall be operated in strict accordance with the requirements of the processing instructions.
- Failure to operate in accordance with the regulations will affect the quality of composite products!

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