

## NOVAL SATIN---Acid etched float glass

## Meeting Your Aesthetics Needs

### Description

Noval Satin acid etched glass-non finger print has a uniformly smooth, silky surface, which is translucent and matte in appearance.

It transmits levels of diffused light, whilst providing privacy from adjacent glass. Noval Satin is produced by acid etched one face or double face of the glass

### Applications

Noval Satin can be used in all domestic and professional areas such as:

- Offices, hotels, restaurants etc, in limitless applications:
- Fixed and sliding partitions
- Doors
- Windows and facade glazing
- Shower and bath screens
- Furniture (glazed cupboards, kitchen and bathroom furniture, tables, countertops, shelves) Balconies
- Stair treads and floor panels.



### Advantages

- **Sophisticated appearance**  
The uniformly etched appearance and silky surface create elegant and bright interiors, which co-ordinate perfectly with other design materials.
- **Bright interiors**  
The very high light transmittance of etched glass ensures maximum light, which maintaining privacy (high diffusing ability, no direct vision)
- **Easy to maintain**  
The etched surface is easy to keep clean. This ensures optimum hygiene and a fresh. These qualities is particularly suitable for furniture applications (table, shelves etc) or high traffic areas such as doors .
- **Limitless design possibilities**  
Acid-etched glass can be processed in many ways (Edge-worked, curved, laminated, toughened, double-glazed, silvered, screen-printed etc) It can be used throughout the interior and n double glazing for external applications (eg. thermal insulation, acoustic insulation, protection and safety etc )

## Range

Support	Thickness(mm)	Standard dimension(mm)
Noval Satin		
PLAN-Clear float glass	3,4,5,6,8,10,12,15,19	3300/3210*2134/2250mm
Extra/low-iron glass	3,4,5,6,8,10,12,15,19	3300/3210*2134/2250mm
Body tinted glass: Bronze, Grey, Green, Blue	4,5,6,8,10	3300/3210*2134/2250mm

## Performance

### Spectrophotometric performance

- Single glazing
- In CLIMAPLUS DESIGN enhanced thermal insulation double-glazed units, with Noval low-emissivity glass.

NOVAL SATIN®					
NOVAL(1)		CLEAR			EXTRA-CLEAR
Thickness	mm	4	6	10	6
Position of acid etched	Face	2	2	2	2
Light factor					
LT(2)	%	88	87	83	88
LRe	%	8	8	8	8
Energy factor					
T	%	81	77	69	85
Re	%	8	8	7	9
A	%	11	15	24	6
Salor factor g		0.83	0.81	0.75	0.87
Shading coefficient		0.96	0.93	0.86	1.00
U-value	W/(M <sup>2</sup> .k)	5.8	5.7	5.6	5.7

- The values shown are approximates and may vary according to manufacturing condition.
- Accordance with standard EN-140 even though this is not strictly applied to this glass. Most of the transmitted light is diffused, which gives Noval Satin its satin-like, translucent appearance.

## Processed Product Variations

Noval Satin is ideal for multiple processing as it can be:

- Edgeworked
- Curved
- Silvered
- Toughened
- Laminated
- Acoustic laminated
- Assembled into
- When toughened, the etched face must face the above
- When laminated, the etched face must face the outside of the assembly



## Installation Guidelines

Noval Satin must be installed in accordance with safety standards and current national regulations.

To ensure the product maintains its original appearance:

- Regular cleaning is recommended
- The etched glass surface should not face the outside of any facade glazing.
- When tempered, the etched surface must be above

## Processed product Variations

Like silvered glass , Noval color lacquered glass can be :

- Cut
- Edgeworked
- Drilled.

During cutting the sheets must be placed on a clean table in order to protect the lacquer. There are a number of possible options for customizing Noval color lacquered glass:

- Cold screen printing of a pattern or logo on the glass (non-lacquered )side;
- Sandblasting or deep engraving. The effect will differ according to whether the sandblasting or engraving is carried out on the lacquered or non-lacquered side.

## Please note:

Export customer only:

- Noval glass exprover offers two variations of etched glasses with difference levels of transparency:
- Noval Satin, which is more transparent and brilliant
- Noval Satin, which is more translucent and matte in appearance

Noval Satin acid etched glass that has a diffusing effect reducing visibility but still allows light transmittance. This versatile glass has many uses, but is particularly suited for internal partitioning, features. A full range of densities are available from lightly dusted through to fully diffused, and the process can be used to treat the whole surface of a panel, or selectively to create lettering, logos, patterns or artwork. Further details can be found in our Sandblasted and Acid Etched Glass datasheet.

## Clear acid etched float glass



**Acid etched tinted float glass**



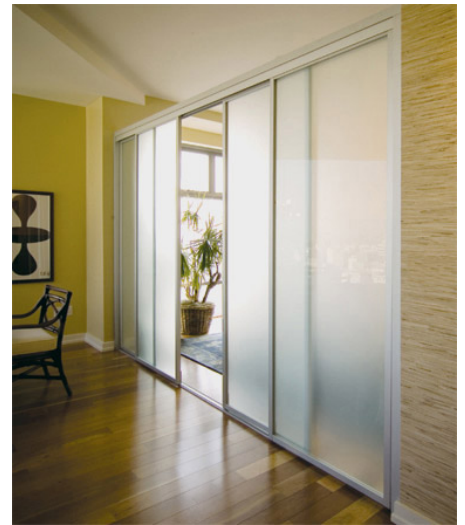
**Acid etched patterned glass**



## Acid etched mirror



## Project appliance





For more information, pls contact Noval Glass:

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