WHEN YOU CAN’T REPLACE, UPGRADE

with AIS Renew
Making buildings energy-efficient has become a significant aspect in today’s design and construction standards. Technological advancement in glass is enabling architects and builders to integrate solar and thermal control products to significantly reduce energy consumption. While these products can be easily incorporated in new buildings, it would be expensive to convert an old building, if the traditional method of window glazing has been used.

This is where AIS Renew comes in.

AIS Renew is a retrofitting solution, specially designed to give old buildings a new life. This unique product is attached on top of an existing glass window, and converts it into an energy-saving insulated glass. Built with a Low-e interlayer, its performance is equivalent to that of an insulated glazed unit. This makes the glass reflect the sun’s heat away from the building and keep the interiors cool. This helps in reducing the usage of air-conditioning, thus conserving electricity.

Construction of AIS Renew

Specifications

<table>
<thead>
<tr>
<th>Glass Type</th>
<th>Colour of the Glass</th>
<th>Standard Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low-e</td>
<td>Clear</td>
<td>80 kg / sheet or less</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Glass Thickness</th>
<th>Thickness of Air Layer</th>
<th>Gasket</th>
</tr>
</thead>
<tbody>
<tr>
<td>4, 5, 6, and 8 mm</td>
<td>12 mm</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Disclaimer: Specifications and design of the product may change according to the environment for improvement without prior notice.
Features and Benefits

- Protects the building from sun’s heat and improves comfort level of occupants
- Helps in heat insulation during the winter season
- Offers excellent noise-reduction, as it has acoustic properties
- Significant reduction in dew condensation
- Short installation period (30 to 60 minutes per window)
- Low cost installation
- No need for scaffolding during installation
- Existing glass continues to be used, so its disposal is not required
- Periodic replacement is not needed
- Low maintenance and very easy to clean
- Quick payback period

Projects

Meeting room in Japan

Before

After

Showroom in Japan – Interior appearance

Before

After

Showroom in Japan – Close up

Before

After

AIS Renew is a tested and proven technology from AGC, Japan
Brought to you by AIS – India’s leading integrated glass company, you can rest assured that you will get 360° services, from a team of highly trained technicians. Our services range from building survey, to system analysis, product selection, processing, installation, and post-installation support, to make sure your building is completely renewed.