



renew
retrofit solutions

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.

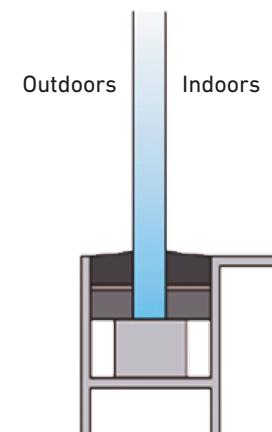
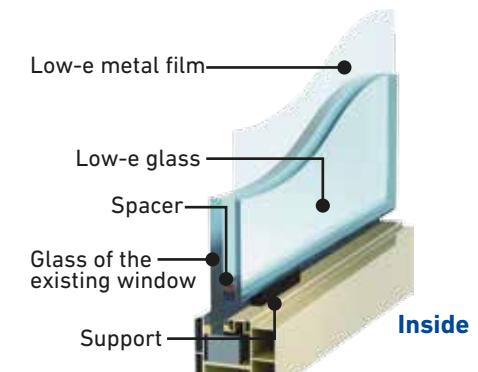


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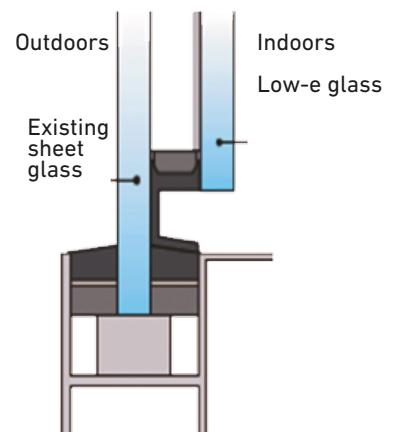
AIS Renew is a retrofitting solution, specially designed to give old buildings a new life. This unique product is attached on top of an existing glass window, and converts it into an energy-saving insulated glass.

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



Existing window



Window with AIS Renew attached

Specifications

Glass Type	Colour of the Glass	Standard Weight
Low-e	Clear	80 kg / sheet or less
Glass Thickness	Thickness of Air Layer	Gasket
4, 5, 6, and 8 mm	12 mm	Optional

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

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.



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