



Heatable glass for transport industry

“ We are leading experts in all types of glass that add function, comfort and savings.
Our specialty is making functionality invisible.”

Company

CL Specialglas AB is a Swedish high-tech company specializing in advanced glass constructions for various market segments. The founders of the company have more than 30 years' experience and are the leading company in heatable glass within the Nordic region.

CL Specialglas AB provides advanced glass construction, technical support, and electrical plans. We help the end-customer achieve the best possible glass solution.

CL Specialglas AB is specialized in developing, building, and installing market glass constructions. We have 30 years of experience in providing glass products for the shipping industry, construction market, and other industry segments

CL Specialglas was founded in 1994 and has delivered more than 2,500 unique glass projects within the Nordic area.

Markets

Our main business areas are the construction and transport industry, from shipping to navy vessels to trains, vehicles, and military applications.

Product

For armoured vehicles and ships, we provide heatable laminated glass as well as laminated glass in different types of constructions. The glass can be built up in multiple layers with differing grades and qualities. We offer glass products to meet a wide range of functional needs including electrical heating, radar reflection, EMC-safety, pressure proof, and bullet proofing.

The heatable glass can be produced two ways: using electricity in the coating; or using embedded wires, as required by the customer to meet differing temperature requirements. The heating eliminates condensation and ice on the outer and inner pane.

Heatable laminated glass fit many kinds of windows and door systems. The glass units are flexible in size and construction, and heatable panes are always tempered in a 4 mm or 6 mm thickness.

Market certification requires that heatable glass has no perceptible difference from other laminated glasses. Heatable glass can both preserve and generate heat. The coating is fully invisible and requires no particular care or maintenance.

Train projects

- Flytoget, Oslo – front windscreen, laminated electrical heated glass, tested and certificate for high speed trains.
- Arlanda Express – front windscreen, laminated electrical heated glass, and delivery for first testing.
- TTG – front windscreen, laminated electrical heated glass with wires.
- Tågab – front windscreen, laminated electrical heated glass.
- Bombardier – different projects with laminated electrical heated glass for front windscreens.
- Göteborgs spårvägar – front windscreen, laminated electrical heated glass.
- Infranord – front windscreen, insulating glass units together with laminated electrical heated glass.
- Tågförstärkning – front windscreen, laminated electrical heated glass.
- Trafikverket – side windows for cabin to RC1 train, laminated electrical heated.

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