

ClearShield Low-M® (Low-Maintenance) Glass:

Resists staining by seawater and other harsh deposits • Always easier to clean and keep clean



Princess Cruises



The first ships of Princess Cruises to have ClearShield were the *Regal Princess* and the *Crown Princess*. Exterior glass of these ships was renovated and protected in 1987. Since then, more than 10 other Princess Cruise ships have had the benefit of ClearShield protection.

“Not only do the operators of these ships appreciate the benefits in keeping windows clean but also the considerable savings in manpower through reduced maintenance”, said the company’s Project Manager.

HSS Stena Explorer



Treatment of the *Stena Explorer* with ClearShield was commissioned after a successful trial period, which had been monitored closely by the ship’s captain. The ferry was treated whilst in dry dock, so cherry pickers were used to complete the project within a very tight deadline.

HSS made the decision to use ClearShield to stop staining of the glass caused by the harsh marine environment as well as reduce the cleaning frequency.



ACL Atlantic Conveyor



The *Atlantic Conveyor* (owned in 1985 by Cunard but purchased by ACL ten years later) was treated onsite with ClearShield.

The Chief Officer was impressed: “The improvement in visibility through our bridge windows, in rain and heavy weather, has to be seen to be believed. A further bonus is not having to use precious manpower to wash the windows... we have just completed two winter crossings of the North Atlantic without having to once wash them manually. It is truly pleasing to see a product that really lives up to its marketing promises.”



marine references

A selection of prestigious ship projects where the ClearShield System was applied:

- Cunard:**
 - Atlantic
 - QE2
 - Vistafjord
 - Conveyor (now owned by **ACL**)
- Princess Cruises:**
 - Star Princess
 - Regal Princess
 - Crown Princess
 - Sun Princess
 - Dawn Princess
 - Sea Princess
 - Grand Princess I and II
 - Ocean Princess
 - Caribbean Princess
 - Diamond Princess
 - Sapphire Princess
- P&O Cruises:**
 - A
 - Oriana
 - urora
 - Capricorn
- North Sea Ferries:**
 - Norsea
 - Norsun
- Holland America Line:**
 - Zuiderdam
 - Rotterdam
 - Maasdam
 - Westerdam
- Carnival:**
 - Victory
 - Destiny
- Stena Line**
 - Stena Explorer
- Disney Cruises:**
 - Disney Magic
- Celebrity Cruises:
(formerly Xandris Cruises)**
 - Galaxy
 - Century
 - Celebrity
- Silja Line:**
 - Europa
 - O
 - SuperSeaCat
 - pera
 - Three and Four



Regal Princess
Princess Cruises



Zuiderdam
Holland America Line



Europa
Silja Line