

# ProBax Advanced Seating Technology

ferco  
SEATING



ProBax<sup>®</sup>  
Advanced Seating Technology

- ProBax is a patented system of foam inserts located in the seat base cushion.
- The geometrical design and location of the inserts are unique for each seat.
- The ProBax system is individually developed for each seating application and works with any seat design, upholstery, size or function.
- The ProBax seat is manufactured under license by Ferco Seating Systems.
- ProBax can be fitted in ANY seat with a foam base.
- ProBax does not change the appearance, design or feature specification (e.g. recline action, sound / vibration function) of any seat.
- ProBax uses only existing standard materials and manufacturing processes.
- ProBax meets ALL regulatory requirements.
- ProBax is already used in vehicles, aircraft and a wide range of static seating products world-wide.
- Delivery lead times, installation and maintenance for the seat are NOT affected by the inclusion of ProBax.



## How does ProBax Work?

The average human head weighs 4.4kg and needs to be supported by the spine.

To do this the spine has a natural "S" shaped curve.

Conventional seats let the pelvis of the seat user to rotate backwards into a position where the spine has an unhealthy "C" shape.

This "C" shaped posture causes the head and shoulders to fall forward leading to muscle ache and discomfort.

ProBax prevents the pelvis from rotating backwards when sitting leaving the seat user to sit in a more upright, natural and healthy posture.

Human anatomy allows ProBax to work for 95% of the population.

The head and shoulders DO NOT fall forward in ProBax seats. Line of sight is improved by better posture

# ProBax Installations

---

The ProBax system is currently installed or in testing with a number of well-known international customers including the following:

ODEON Cinemas (Europe wide)  
Ambassador Theatre Group – UK  
IBM Auditorium – Heathrow facility  
Peabody Orlando Conference Centre - USA  
Really Useful Group Theatres - UK  
CineMark Cinemas - USA  
Nordisk Cinema Group – Scandinavia  
Golden Village Cinemas- Asia  
RADA – UK  
Cineplex Cinemas - Germany  
Royal Opera House - UK  
Metropolitan Opera House - New York  
Criterion Theatre - UK

Jujamcyn Theatres Broadway - USA  
Baltimore Convention Centre – USA  
Sofitel Conference Facilities – Europe  
Edinburgh Planetarium & Playhouse - UK  
Lotus Cars  
Leading Detroit Motor Companies  
Zytec Racing Team – Le Mans  
Bentley Motor Cars Ltd UK  
Hagie Agricultural Equipment  
Bombardier Business Jets  
ICON Aircraft  
The Federal Aviation Administration (FAA)  
Paradigm Mall, Malaysia



Awarded the 2011 Innovation Award by the UK Furniture Research Association