

Rail Vehicle Protection System



Peerless
Europe



Photo courtesy of Brian Morrison

Peerless technology protects sensitive electric traction equipment, electronic control systems and air conditioning plant in railway locomotives and rolling stock by preventing water intrusion.

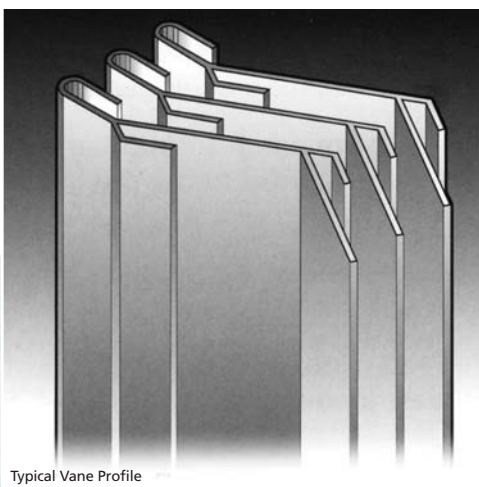
Sophisticated electric traction motors and electronic control systems need to be cooled by discrete forced ventilation equipment. If left unprotected the cooling systems admit substantial quantities of rain or wash-water. Air conditioning systems in passenger coaches are also notorious points of water ingress.

The Peerless Rail Vehicle Protection (RVP) System successfully prevents the water and rain intrusion by offering:

- Complete protection against rainwater intrusion into cooling air ducts serving electric traction motors and electronic traction control systems.
- Complete protection against the massive water impingement experienced in rolling stock and locomotive washing plants.
- Very low pressure drop coefficient ensuring minimal obstruction to cooling airflow.
- No requirement for ancillary equipment.
- A well proven history in many railway applications.
- Supply in any colour to match the parent vehicle's livery.
- The robust construction from corrosion free materials ensures a long "fit and forget" life and there is no requirement for day-to-day maintenance.



Illustration courtesy of Eurotunnel



Typical Vane Profile



Single Stage Separator

making energy safe, efficient and clean