

## RESTRICTIONS ON THE USE OF WIRE BAR CHAIRS

### *Use of plastic-tipped wire bar chairs in concrete structures within 1 km of the coast.*

AS 3600, *Concrete Structures*, Table 4.3, classifies exterior above-ground environments that are within 1 km of a coastline as **B2** in any climatic zone.

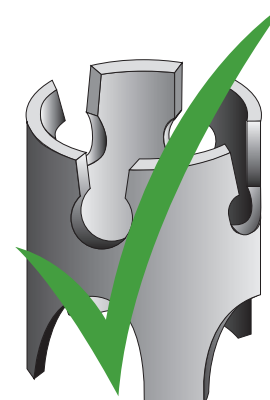
It is now considered that plastic-tipped wire chairs should not be used in **B2** or more severe environments.

This restriction has been established after bar chair load tests and the potential for corrosion of chairs and subsequent staining of concrete surfaces in **B2** environments.

As from 1st July 2006, SRIA will advise reinforcement companies to schedule plastic bar chairs for all projects that are known to be within 1 km of the coast (B2 classification).



Plastic-tipped wire



Plastic