



DATASHEET TITLE

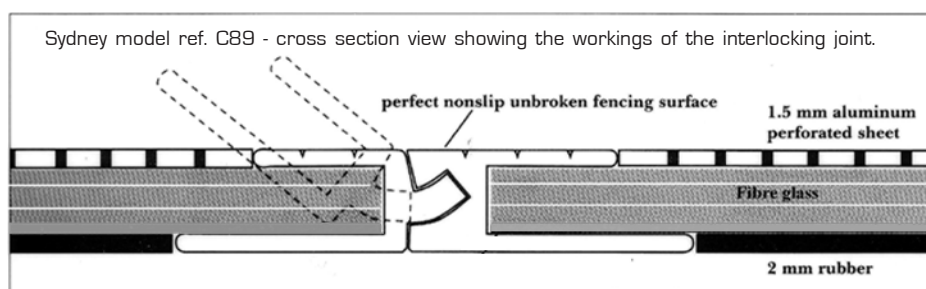
Low Profile Active rebound Sectional Piste Ref. C89 Sydney Model

After many years of research and development Leon Paul were the first company to release sectional aluminium pistes. Careful design and attention to detail mean that these pistes represent the best long term investment that can be made when choosing a movable piste.

This sectional piste boasts the following features:

- Minimum height. At only 12mm high it is by far the thinnest piste available. This is vital in preventing sprained ankles and injuries as the fencers leave the piste or land awkwardly on the edge. The F.I.E. has issued an instruction that for higher pistes a wooden tapering fillet should be placed all round the edge. This will prove unnecessary with the Sydney Piste.
- Active rebound system. The pistes are made from a bonded composite sandwich consisting of perforated aluminium sheet, 3 fibre-glass layers, and a bottom backing of rubber. Each fibre-glass laminate is bonded with a unique foam adhesive which forms an energy returning layer. We call this the Active Rebound System.
- The perfect surface. Consisting of perforated aluminium sheets this surface has been found to provide the optimum surface, giving the absolutely perfect amount of friction. The perforations help the surface to be self cleaning and during the piste's life enable it to retain a constant surface friction. Even the interlocking profile sections are grooved on their top surface to give a consistent frictional surface over the entire piste area.
- The perfect resilience. Each section is backed with a rubber panel to give a perfect degree of springiness vital to the top fencers.
- Low weight. The piste comes in 18 sections each weighing only 24 kilos.
- Low Volume. The piste takes up a stacked volume of less than 0.4 square metres.
- Low Resistance. The point to point resistance between any two points is negligible, with the end to end resistance of less than the F.I.E. regulation 5 ohms. As an extra safety measure during championship competitions each section is electrically earthed to the next by a solid strap bolted to each section in turn.
- Easy to lay down. The piste can be laid by two people in ten minutes. Each section links to the next via interlocking extrusions.
- Regulation size. Conforms with latest F.I.E. regulations

The rubber backing gives grip to prevent the piste moving during fencing. The entire piste consists of 18 sections. Each section is 1500*mm by 1000mm by 12mm high weight approx. Alternate widths are available down to 1500 mm, which is the present F.I.E. minimum.



Piste Trolley Ref. C99.

Piste Section Trolley for one C89 is 2000mm by 760mm by 1400mm high (6' 6" by 2' 4" by 4' 6" high). Constructed of an all steel angle and tube section frame work, with plywood base. A safety chain is fitted to each to secure seven piste sections each side. Wheels 200 mm dia with steel centres mounted in two off swivel castors with brake and two off fixed castors. All steel work painted and plywood varnished.

Individual Aluminium Sheets Ref. C89SHT.

Suitable for permanently fixing to a flat floor, available in individual standard sized perforated sheets 1500mm by 1000mm by 2mm high or to requested size. Also available with adhesive backing.