



Problem

Airbus contracted JNDC to identify a matting system that would enable workers to sit, kneel and lie over the T section stringers whilst working in the internal wing area of the A350. JNDC developed a simple three block matting design to sit either side of the stringers, with a soft top mat covered in a durable PVC coating.

Development

The mats have since been tested by the workers in the A350 test rig and approved. JNDC has since produced 12 final production versions of the matting in 2 different designs, one to sit over the stringers with the plastic extrusion and one to sit on stringers without.

Solution

Airbus are now due to test the mats for fire retardancy. A decision on which mat works best will be made. Once this has been passed and decided JNDC will make any final tweaks to the design and look to set up an ordering system for Airbus.