

ERGONOMIC ASSESSMENT

by Andrew Wilson, Osteopath & Ergonomist

KONFURB HARMONY 5 Star Chair

Seat Profile: 17 (20)

A square shaped seat 450mm x 450mm, with a flat front edge and a rounded rear edge. A well contoured seat front to back and side to side. It has a firm seat with approximately 10mm foam and padding. It is comfortable with no pressure points.

Backrest Profile: 18 (20)

It has a contoured moulded polypropylene shell of medium height with nicely profiled pelvic and lumbar support up to mid back, rising to about 450mm above the seat. The stamped cut out backrest is cool to touch and minimises heat build-up. It is comfortable with no pressure points.

Comfort: Forward Posture: 6 (10)

The 50mm waterfall edge allows a forward sloped thigh with minimal pressure. The stiff spring mechanism does limit the forward excursion for forward postures and using a laptop or eating a meal does require leaving the backrest behind. The forward posture is limited and difficult to maintain.

Comfort: Centre Posture: 9 (10)

The centre posture is excellent, and this is where the chair comes into its own. A horizontal visual angle or above allows full use of the seat and backrest and the excellent profiles. Its dynamic seat movement allow postural and pressure variation in centre and reclined postures.

Comfort: Reclined Posture: 9 (10)

The reclined posture is excellent, and this is where the chair excels. A horizontal visual angle or above allows full use of the seat and backrest and the excellent profiles. Its dynamic seat movement allow postural and pressure variation in centre and reclined postures.

Dynamic Rating: 9 (10)

The polypropylene shell adds rigidity and stability but does limit its flexibility. The dynamic seat encourages regular movement around a fixed pelvic trunk angle. Its 5-star swivel base adds versatility.

Anthropometrics: 8 (10)

It has a good-sized seat and backrest and will suit a wide range of users. It has an excellent gas lift excursion. The dynamic backrest is not adjustable for tension and is not able to be locked.

Ease of Use: 8 (10)

It has one single lever to adjust height, and its 5-star base swivels. It is very easy and intuitive to use. The fixed arm rests are useful for getting on and off the chair.

Total Score: 82 (100)

Summary:

A stylish and robust meeting chair with the added advantage of a 5 star base, height adjustability and a dynamic mechanism. Ideally suited for meetings, boardrooms and educational purposes.