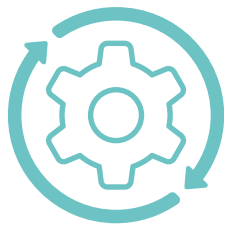


Asiento

TEST REPORT



BS EN 21856:2022 STATIC LOAD TEST

Our paediatric products are meticulously engineered and rigorously tested to stringent industry standards.



Static forces

using test sequences from
BS EN 12520-2015 & EN 1728:2012.

This includes:



Cycles



Continuous testing



Seat (front edge)



Seat (front edge)



Back rest

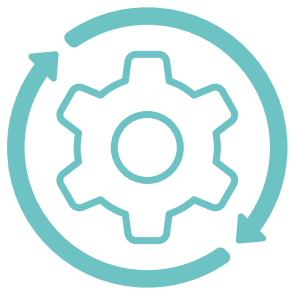


Back rest





Test process



1 The chair is positioned in the testing bay under the pressure pad tester, with castors added to prevent unwanted lateral movement.



2 Measurements were recorded prior to finishing the static load tests.



- Height of the seat (left & right side of the split)
- Armrests
- Backrest
- Footrest (+ split seat design)

3 The load applied to each chair component is based on the specified load rating. The correct load is determined using pressure calculations, ensuring the pressure pad applies the appropriate load.
1 bar ~ 500N ~ 50kg



4 Measurements were recorded prior to finishing the static load tests.



- Height of the seat (left & right side of the split)
- Armrests
- Backrest
- Footrest (+ split seat design)

5 The stopwatch recorded 70 seconds, followed by an increased load time of 20 minutes for more rigorous testing.



6 Measurements were taken for the following after completion of the static load test.

- Height of the seat (left & right)
- Backrest
- Armrests (left side)
- Footrest (left side)

