

HermanMiller

Mirra® 2 Chairs Proprietary Specifications



- The seating solution shall include work chairs and 5-star base stools designed with compatible aesthetics and matching fabric and finishes offering.
- The work chair shall be available globally, assembled in North America, Europe and Asia.

Work Chair

Seat

- The seat shall be constructed of a durable and breathable suspension material that allows airflow.
- The seat's suspension material shall contain elastomeric, preferably constructed of 67% elastomeric and 33% antimony-free polyester.
- Seat textile/suspension material shall meet 200,000 double rubs (Wyzenbeek).
- The chair shall offer a fixed and adjustable seat depth option.
- The seat depth, if fixed, shall be no greater than 16.9", preferably 16 1/4".
- The adjustable seat shall include a depth of 16.9" or less, preferably 16 ¼"-18".
- The adjustable seat shall have a range of 1 3/4".
- The adjustable seat shall not be constructed with a sliding seat mechanism, a FlexFront seat depth adjustment is preferred to keep the user in the proper posture.
- The seat pan width shall be 19.25" (widest area).

Seat Height

- The chair shall offer a 4.5" travel range in the standard height option.
- The chair shall offer a pneumatic seat option that reaches 14 3/4" at its lowest point to support petite users.
- The chair shall offer an optional pneumatic cylinder that reaches a seat height of 22 ¼" in its highest point to accommodate taller users.

Mirra® 2 Proprietary Specifications

- An extended-height cylinder options shall be available with a 5.5" seat height range.

Back

- The back shall be available in a 100% polymer material option and a fabric layer with flexible polymer option.
- The chair's back shall provide a breathable option for thermal comfort.
- The back construction back shall promote user movement.
- The back shall be molded to provide targeted back support, with different degrees of support in the various regions of the back.
- The back shall provide built-in sacral support.
- The chair shall offer a lumbar support that adjusts in height and the amount of support.
- The chair shall have an independent height-adjustable lumbar option with a 4 1/2" height range and a 1" depth adjustment.
- The chair shall recline back up to 122 degrees from horizontal.

Arms

- Armless, fixed and fully adjustable 4D arm options shall be offered on the chair.
- The fully adjustable arm shall have an independent height, width, pivot, and front-to-back adjustability.
- The arm height adjustment range shall be 5 1/2"—from 6.0" to 11.5" from the seat.
- The armpad width adjustment shall be 1 1/8" per arm.
- The front-to-back adjustment range shall be 2".
- The armpad shall pivot a minimum of 20 degrees inward and 20 degrees outward.
- The armpad shall be constructed of urethane foam with a non-PVC skin.

Mirra® 2 Proprietary Specifications

Tilt Mechanism

- The tilt mechanism shall be synchronous.
- The user shall be balanced in the chair, with little effort required to maintain any posture in the chair's entire range of motion.
- The chair shall have a user-adjustable tilt tension control; it shall be located on the side of the seat for easy access.
- The chair shall offer a forward seat angle option in which the seat pan moves 5 degrees forward from the chair's neutral position, while maintaining the corresponding back support.
- The chair shall provide a tilt limiter that has stops in the fully-reclined, mid-recline and upright positions.
- The activations controls shall be easily located and adjusted from the user's seated position.
- The back shall have a 22 degree of back recline range.

Base

- The base shall have an optional polished aluminum construction.
- Both hard and soft dual-wheel casters shall be offered for applications in carpet or hard floors.
- Optional braking casters and casters with quiet roll technology shall be available.

Warranty

- The chair shall be warranted for 12 years, with 3-shift coverage.
- The warranty of 12-years, 3-shifts shall include including cylinders, tilt mechanisms and casters.
- Suspension materials shall have a 12 year warranty. Textiles shall have a 5-year warranty.
- The warranty shall cover parts and labor.
- Chair and stool shall be warranted for users up to 350 lbs. of weight.

Mirra® 2 Proprietary Specifications

Finishes

- The work chair shall be available in 4 base finishes, including a polished aluminum option, and 2 frame finishes.
- The work chair shall be available with a polymer back and a back with an upholstered front.
- The back shall be available in 8 colors.

Standards/Performance

- The chair shall meet or exceed all requirements in the ANSI/BIFMA x5.1-2011 seating standard.
- The work chairs shall meet all mandatory requirements of the ANSI/HFES 100-2007 ergonomic standard.
- The work chair shall accommodate users weighing up to 350 pounds.
- Optional FR models shall be available to comply with California Technical Bulletin (TB) 133.
- Textiles & any available foam on the chair shall comply with Cal 117-2013.

Environmental

- The work chair shall be certified BIFMA level 3.
- The work chair shall be Cradle to Cradle certified Bronze.
- The work chair shall be certified GREENGUARD Gold and GREENGUARD.
- The work chair shall not contain PVC.
- Standard non-Cal 133 rated (FR) chairs shall contain no flame retardant chemicals.
- The work chair shall be manufactured with 46% recycled content.
- The work chair shall be up to 93% recyclable.
- A Life Cycle Assessment shall be available.
- Recycling instructions shall be available / published.

Mirra® 2 Proprietary Specifications

Ease of Use

- User-adjustment instructions shall be provided with the chair.
- A user adjustment video shall be available online.

Stools

Seat

- The seat shall be constructed of a durable and breathable suspension material that allows airflow.
- The seat's suspension material shall contain elastomeric material, preferably be constructed of 67% elastomeric and 33% antimony-free polyester.
- Seat material shall meet 200,000 double rubs.
- The chair shall offer a fixed and adjustable seat depth option.
- The seat depth, if fixed, shall be no greater than 16.9", preferably 16 1/4".
- The adjustable seat shall include a depth of 16.9" or less, preferably 16 1/4"-18".
- The adjustable seat shall have a range of 1 3/4".
- The adjustable seat shall not be constructed with a sliding seat mechanism.
- The seat pan width shall be 19.25" (widest area).

Seat Height

- The stool shall have a seat height range of 10", preferably from 23.5" to 33.5".
- The stool height shall be able to accommodate 36" and 42" height worksurfaces with one cylinder height.

Footring Height

- The stool footring shall be height adjustable, with a 4 1/2" height range.
- The footring shall have a 20" diameter.

Mirra® 2 Proprietary Specifications

Back

- The back shall be available in a 100% polymer material option and a fabric layer with flexible polymer option.
- The stool's back shall provide a breathable option for thermal comfort.
- The shape of the back shall promote movement.
- The back shall be molded to provide targeted back support, with different degrees of support in the various regions of the back.
- The back shall provide built-in sacral support.
- The stool shall offer an independent height-adjustable lumbar option with a 4 1/2" height range and a 1" depth adjustment.

Arms

- Armless, fixed and fully adjustable 4D arm options shall be offered on the stool.
- The fully adjustable arm shall have an independent height, width, pivot, and front-to-back adjustability.
- The arm height adjustment range shall be 5 ½"—from 6.0" to 11.5" from the seat.
- The armpad width adjustment shall be 1 1/8" per arm.
- The front-to-back adjustment range shall be 2".
- The armpad shall pivot a minimum of 20 degrees inward and 20 degrees outward.
- The armpad shall be constructed of urethane foam with a non-PVC skin.

Tilt Mechanism

- The stool shall have a user-adjustable tilt tension control; it shall be located on the side of the seat for easy access.
- The stool shall offer a forward seat angle option in which the seat pan moves 5 degrees forward from the chair's neutral position, while maintaining the corresponding back support.

Mirra® 2 Proprietary Specifications

- The stool shall provide a standard tilt limiter that has stops in the fully-reclined and upright positions.
- The activations controls shall be easily located and adjusted from the user's seated position.

Base

- The stool shall be constructed with a 5-star base.
- The base shall have an optional polished aluminum construction.
- Both hard and soft dual-wheel casters shall be offered for applications in carpet or hard floors.
- Optional braking casters and casters with quiet roll technology shall be available.
- Stools shall offer an option with glides.

Standards/Performance

- The stool shall meet or exceed all requirements in the ANSI/BIFMA x5.1-2011 seating standard.
- The stool shall accommodate up to 350 pound users.
- Optional FR models shall be available to comply with California Technical Bulletin (TB) 133.
- Textiles, suspension materials, and any foam (if available) on the stools shall comply with Cal 117-2013.

Environmental

- Stools shall be certified GREENGUARD Gold and GREENGUARD.
- Stools shall be constructed with 47% recycled materials.
- Stools shall not contain PVC.
- Stools shall not contain hexavalent chrome.
- Standard models not Cal 133- rated (FR) stools shall contain no flame retardant chemicals.

Mirra® 2 Proprietary Specifications

Ease of Use

- User-adjustment instructions shall be provided with the stool.

Finishes

- The stool's footring shall have a trivalent chrome finish.
- The stool's footring shall not contain hexavalent chrome.
- The stool shall have 8 back colors, 4 optional base finishes and 2 frame finishes.