

Koala presents a complete line of Baby Changing Station models with Microban® antimicrobial product protection. In addition, Koala offers a comprehensive line of Child Seating options for foodservice, retail, and cinema - offering security and convenience in any environment.

This specification section is provided in CSI-format, and intended to be included in the Project Manual for a construction project. Delete models and options not required for your project, and modify to your project requirements.

SECTION 102814

BABY CHANGING STATIONS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Baby Changing Stations, Plastic with Recycled Content:
 - 1. Surface-mounted horizontal design. (Koala Model KB200)
 - 2. Surface-mounted horizontal design with stainless steel decorative panel (Koala KB200-SS)
 - 3. Surface-mounted vertical design. (Koala Model KB101)
 - 4. Surface-mounted oval design. (Koala Model KB208)
 - 5. Recessed-mounted horizontal design. (Koala Model KB100-ST)
- B. Baby Changing Stations, Stainless Steel with Recycled Content:
 - 1. Surface-mounted horizontal design. (Koala Model KB110-SSWM)
 - 2. Surface-mounted vertical design. (Koala Model KB111-SSWM)
 - 3. Recessed-mounted horizontal design. (Koala Model KB110-SSRE)
 - 4. Recessed-mounted vertical design. (Koala Model KB111-SSRE)
- C. Countertop Baby Changing Stations:
 - 1. Surface-mounted design. (Koala Model KB112-CT)
 - 2. Recessed-mounted design. (Koala Model KB112-RE)
- D. Child Protection Seats, Plastic with Recycled Content. (Koala Model KB102)
- E. Bed Liner Dispensers for Baby Changing Stations:
 - 1. Recessed stainless steel bed liner dispenser. (Koala KB134-SSLD)
 - 2. Sanitary liner refills. (Koala KB150-99)
- F. Diaper Dispensers and Kit Case. (Koala KB143-SS and Koala KB113-99)

1.2 RELATED REQUIREMENTS

- A. Section 061000 - Rough Carpentry, blocking in walls.
- B. Section 092100 - Plaster and Gypsum Board Assemblies, blocking in walls.
- C. Section 093000 - Tiling, coordination with tile layout and installation.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's data sheets for each product specified, including the following.

1. Installation instructions and recommendations, including templates and rough-in measurements.
2. Storage and handling requirements and recommendations.
3. Cleaning and maintenance instructions.

B. LEED Submittals:

1. Materials and Resource Credits 4.1 and 4.2 - Recycled Content: Submit manufacturer's calculation of value of recycled content for specified products, calculated in accordance with USGBC LEED certification requirements.
2. Materials and Resource Credits 5.1 and 5.2 - Regional Materials: When the project site is located within 500 miles of Centennial, Colorado, submit manufacturer's certification of location of extraction of materials and location of assembly of products in accordance with USGBC LEED certification requirements.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Provide products manufactured by a company with a minimum of 5 years successful experience manufacturing similar products.
- B. Single Source Requirements: To the greatest extent possible provide products from a single manufacturer.
- C. Accessibility Requirements: Comply with requirements applicable in the jurisdiction of the project, including but not limited to ADA and ICC/ANSI A117.1 requirements as applicable.
- D. Baby Changing Stations: Provide products which comply with the following standards and requirements.
 1. Antimicrobial Treatment: Changing surfaces embedded with Microban®, with antibacterial claim substantiated by Kirby-Bauer test or other manufacturer approved equivalent standard industry test methodology.
 2. Americans with Disabilities Act (ADA).
 3. ANSI A117.1 - Accessible and Usable Building and Facilities.
 4. ANSI Z535.4 - Product Safety Signs and Labels.
 5. ASTM F 2285 - Standard Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use.
 6. ASTM G 21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
 7. European Standards: EN 12221 Changing units for domestic use.
 8. CPSIA: Conformity with the U.S. Product Safety Commission product safety rules, bans, standards and regulations that include applicable chemical compliance requirements.
- E. Manufacturing Location: United States.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations. Protect from damage.

1.6 WARRANTY

- A. Manufacturer's Warranties: Submit manufacturer's standard 5 year warranty for materials and workmanship and include a provision for replacement caused by vandalism.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Basis of Design Products: Based on the quality and performance requirements of the project, specifications are based solely on the products of Koala Kare Products, a Division of Bobrick, www.koalabear.com. Location of manufacturing shall be the United States.
- B. Substitutions: The Architect will consider products of comparable manufacturers as a substitution, pending the contractor's submission of adequate documentation of the substitution in accordance with procedures in Division 1 of the Project Manual. Documentation shall include a list of five similar projects of equivalent size where products have been installed for a minimum of two years, and manufacturer's certification that products are fabricated in the United States.

2.2 BABY CHANGING STATIONS, PLASTIC WITH RECYCLED CONTENT

- A. Surface-Mounted Horizontal Design Baby Changing Stations:
 - 1. Basis of Design: Model KB200-00, cream color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 2. Basis of Design: Model KB200-01, grey color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 3. Basis of Design: Model KB200-05, white granite color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 4. Basis of Design: Model KB200-11, earth color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 5. Materials. Injection-molded polypropylene.
 - 6. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 - 7. Hinge Mechanism: Reinforced full length steel-on-steel hinge.
 - 8. Changing Surface: Contoured, concave and smooth, 450 sq. in.
 - 9. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 - 10. Performance: When mounted to specification, unit has been tested to 300 lbs and will deflect less than 1 degree from 90 degrees with a 200 lb static load placed in the center of the changing surface.
 - 11. Mounting: Concealed 11 gauge plated steel mounting chassis with 16 inch centers and 6 mounting points the top 2 mounting points feature keyholes for ease of installation units include mounting hardware.
 - 12. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; locking built-in dual cavity liner dispenser with 50 liner capacity supplied with 2 keys that are keyed alike to Bobrick Washroom Accessories.
 - 13. Instruction Graphics: Universal instruction graphics and safety messages in multiple languages.
 - 14. Optional Braille Label: If required.
- B. Surface-Mounted Horizontal Design Baby Changing Stations with Stainless Steel Decorative Panel:
 - 1. Basis of Design: Model KB200-00SS, cream color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 2. Basis of Design: Model KB200-01SS, grey color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 3. Basis of Design: Model KB200-05SS, white granite color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 4. Basis of Design: Model KB200-11SS, earth color, as manufactured by Koala Kare Products, a Division of Bobrick.
 - 5. Materials. Injection-molded polypropylene.

6. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 7. Hinge Mechanism: Reinforced full length steel-on-steel hinge.
 8. Changing Surface: Contoured, concave and smooth, 450 sq. in.
 9. Design Element: Permanently affixed front decorative panel in 22 gauge type 304 stainless steel, brushed finish.
 10. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 11. Performance: When mounted to specification, unit has been tested to 300 lbs and will deflect less than 1 degree from 90 degrees with a 200 lb static load placed in the center of the changing surface.
 12. Mounting: Concealed 11 gauge plated steel mounting chassis with 16 inch centers and 6 mounting points the top 2 mounting points feature keyholes for ease of installation units include mounting hardware.
 13. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; locking built-in dual cavity liner dispenser with 50 liner capacity supplied with 2 keys that are keyed alike to Bobrick Washroom Accessories.
 14. Instruction Graphics: Universal instruction graphics and safety messages in multiple languages.
 15. Optional Braille Label: If required.
- C. Surface-Mounted Vertical Design Baby Changing Stations:
1. Basis of Design: Model KB101-00, cream color, as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Basis of Design: Model KB101-01, grey color, as manufactured by Koala Kare Products, a Division of Bobrick.
 3. Basis of Design: Model KB101-05, white granite color, as manufactured by Koala Kare Products, a Division of Bobrick.
 4. Materials: Blow-molded high-density polyethylene (HDPE).
 5. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 6. Hinge Mechanism: Reinforced full-length steel-on-steel hinge with integrated steel hook plate.
 7. Changing Surface: Contoured, concave and smooth, 420 sq. in.
 8. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 9. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
 10. Mounting: Surface-mounted with manufacturer-provided mounting hardware and 11 gauge steel mounting plate on 16 inch centers.
 11. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; built-in liner dispenser with 25 liner capacity.
 12. Instruction Graphics: Universal molded instruction graphics and safety messages in multiple languages and Braille.
- D. Surface-Mounted Oval Design Baby Changing Stations
1. Basis of Design: Model KB208-01, grey color, as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Basis of Design: Model KB208-12, grey granite color, as manufactured by Koala Kare Products, a Division of Bobrick.
 3. Basis of Design: Model KB208-14, sandstone color, as manufactured by Koala Kare Products, a Division of Bobrick.
 4. Materials: Rotationally-molded high-density polyethylene (HDPE).
 5. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 6. Hinge Mechanism: Steel pivot rod secured in a metal tube.
 7. Changing Surface: Contoured, concave and smooth, 307 sq. in.

8. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 9. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
 10. Mounting: Surface-mounted with manufacturer-provided mounting hardware on 16 inch centers.
 11. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks.
 12. Instruction Graphics: Universal instruction graphics and safety messages in multiple languages.
- E. Recessed-Mounted Horizontal Design Baby Changing Stations:
1. Basis of Design: Model KB100-00-ST, cream color, as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Basis of Design: Model KB100-01-ST, grey color, as manufactured by Koala Kare Products, a Division of Bobrick.
 3. Basis of Design: Model KB100-05-ST, white granite color, as manufactured by Koala Kare Products, a Division of Bobrick.
 4. Materials: Blow-molded high-density polyethylene (HDPE) with 18-Gauge Type 304 stainless steel, brushed finish flange.
 5. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 6. Stainless Steel Liquid Diversion Channel: Prevents liquids that may be present on the changing surface from draining into the wall.
 7. Hinge Mechanism: Reinforced full-length steel-on-steel hinge with integrated steel hook plate.
 8. Changing Surface: Contoured, concave and smooth, 442 sq. in.
 9. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 10. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
 11. Mounting: Factory-drilled mounting holes and mounting hardware included.
 12. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; built-in liner dispenser with 25 liner capacity.
 13. Instruction Graphics: Universal molded instruction graphics and safety messages in multiple languages.

2.3 BABY CHANGING STATIONS, STAINLESS STEEL WITH RECYCLED CONTENT

- A. Surface-Mounted Horizontal Design Stainless Steel Baby Changing Stations:
1. Basis of Design: Model KB110-SSWM as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Materials: Blow molded high-density polyethylene (HDPE) clad in 18 gauge Type 304 stainless steel, brushed finish.
 3. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 4. Hinge Mechanism: Reinforced full-length steel-on-steel hinge with integrated steel hook plate.
 5. Changing Surface: Contoured, concave and smooth, 442 sq. in.
 6. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 7. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
 8. Mounting: Surface-mounted with manufacturer-provided mounting hardware and 11 gauge steel mounting plates on 32 inch centers.
 9. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; built-in liner dispenser with 25 liner capacity.

10. Instruction Graphics: Universal molded instruction graphics and safety messages in multiple languages.
- B. Surface-Mounted Vertical Design Stainless Steel Baby Changing Stations:
1. Basis of Design: Model KB111-SSWM as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Materials: Blow molded high-density polyethylene (HDPE) clad in 18 gauge Type 304 stainless steel, brushed finish.
 3. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 4. Hinge Mechanism: Reinforced full-length steel-on-steel hinge with integrated steel hook plate.
 5. Changing Surface: Contoured, concave and smooth, 420 sq. in.
 6. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 7. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
 8. Mounting: Manufacturer-provided mounting hardware and 11 gauge steel mounting plate on 16" centers.
 9. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; built-in liner dispenser with 25 liner capacity.
 10. Instruction Graphics: Universal molded instruction graphics and safety messages in multiple languages.
- C. Recessed-Mounted Horizontal Design Stainless Steel Changing Stations:
1. Basis of Design: Model KB110-SSRE as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Materials: Blow molded high-density polyethylene (HDPE) clad in 18 gauge Type 304 stainless steel, brushed finish. Includes flange in same material and finish.
 3. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 4. Stainless Steel Liquid Diversion Channel: Prevents liquids that may be present on the changing surface from draining into the wall.
 5. Hinge Mechanism: Reinforced full-length steel-on-steel hinge with integrated steel hook plate.
 6. Changing Surface: Contoured, concave and smooth, 442 sq. in.
 7. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
 8. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
 9. Mounting: Factory-drilled mounting holes and mounting hardware included.
 10. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; built-in liner dispenser with 25 liner capacity.
 11. Instruction Graphics: Universal molded instruction graphics and safety messages in multiple languages.
- D. Semi-Recessed-Mounted Vertical Design Stainless Steel Baby Changing Stations:
1. Basis of Design: Model KB111-SSRE as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Materials: Blow molded high-density polyethylene (HDPE) clad in 18 gauge Type 304 stainless steel, brushed finish. Includes flange in same stainless steel material and finish.
 3. Operation: Concealed pneumatic cylinder providing controlled, slow opening and closing of the changing station bed.
 4. Hinge Mechanism: Reinforced full-length steel-on-steel hinge with integrated hook plate.

5. Changing Surface: Contoured, concave and smooth, 420 sq. in.
6. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
7. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
8. Mounting: Manufacturer-provided mounting hardware and 12 gauge steel mounting brackets.
9. Features: No hinge structure exposed on interior or exterior surfaces; two bag hooks; built-in liner dispenser with 25 liner capacity.
10. Instruction Graphics: Universal molded instruction graphics and safety messages in multiple languages.

2.4 COUNTERTOP BABY CHANGING STATIONS, PLASTIC WITH RECYCLED CONTENT

A. Surface-Mounted Countertop Baby Changing Stations:

1. Basis of Design: Model KB112-01CT, grey granite color, as manufactured by Koala Kare Products, a Division of Bobrick.
2. Materials: Thermoformed high-density polyethylene (HDPE).
3. Changing Surface: Contoured, concave and smooth, 379 sq. in.
4. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
5. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
6. Mounting: Surface-mounted, units include screws, factory drilled mounting holes.
7. Perimeter Sealant: Silicone sealant, provided by installer.
8. Features: Built-in liner dispenser with 30 liner capacity.
9. Graphics: Universal instruction graphics.

B. Recessed-Mounted Countertop Baby Changing Stations:

1. Basis of Design: Model KB112-01RE, grey granite color, as manufactured by Koala Kare Products, a Division of Bobrick.
2. Materials: Thermoformed high-density polyethylene (HDPE).
3. Changing Surface: Contoured, concave and smooth, 379 sq. in.
4. Safety Straps: Replaceable, snap-lock, nylon protective holding straps.
5. Performance: Units exceed static load requirements called out by ASTM Standard F 2285, Standard Consumer Safety Performance Specification for Diaper Changing Stations for Commercial Use.
6. Mounting: Recessed-mounted, units include screws, factory drilled mounting holes and rough opening template.
7. Perimeter Sealant: Silicone sealant, provided by installer.
8. Graphics: Universal instruction graphics.

2.5 CHILD PROTECTION SEATS

A. Child Protection Seats:

1. Basis of Design: Model KB102-00, cream color, as manufactured by Koala Kare Products, a Division of Bobrick
2. Basis of Design: Model KB102-01, grey color, as manufactured by Koala Kare Products, a Division of Bobrick
3. Materials: Blow-molded high-density polyethylene (HDPE).
4. Capacity: Static loads of 50 lb.
5. Operation: Seat folds flat against back.
6. Hinge Mechanism: Steel pivot rod secured in metal tube.
7. Seat and Frame Support: Steel rod.
8. Safety Straps: Replaceable, snap-lock, nylon protective holding straps; extend over child's shoulders and between legs.

9. Seat: Textured seat surface.
10. Mounting: Surface-mounted. Manufacturer-provided hardware kit with four threaded plugs with head holes, four 1/4 inch screws and washers for partition mounting.

2.6 BED LINER DISPENSERS FOR BABY CHANGING STATIONS

- A. Recessed-Mounted Stainless Steel Bed Liner Dispensers:
 1. Basis of Design: Model KB134-SSLD as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Material, Finish: Type 304 brushed stainless steel finish.
 3. Features: Supplied with one key that is keyed alike to Bobrick Washroom Accessories.
 4. Mounting: Fastened through side of units.
 5. Capacity: Approximately 100 sanitary liners.
 6. Fasteners: Suitable for substrate, provided by installer.
- B. Sanitary Liner Refills:
 1. Basis of Design: Model KB150-99 as manufactured by Koala Kare Products, a Division of Bobrick; for use with all Koala Baby Changing Station designs.
 2. Liners: 3-ply, chemical-free, biodegradable, 13 inch x 19 inch sanitary liners.
 3. Quantity Per Refill Case: 500.
 4. Quantity Required: One case.

2.7 DIAPER DISPENSERS

- A. Diaper Dispensers:
 1. Basis of Design: Model KB143-SS as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Material, Finish: Type 304 stainless steel, brushed finish.
 3. Capacity: 24-diaper pack capacity.
 4. Operation: Factory set to vend at \$1.00. Coin mechanism is adjustable from 50 cents to \$3.00 and is adjustable in the field. Mechanism only accepts 25 cent coins (quarters). Automatic empty device causes coin mechanism to reject coins when vender is empty.
 5. Standard Mounting: Hung on keyhole shaped mounting holes, use washers under heads of fasteners.
 6. Custom Mounting: As indicated on instructions.
 7. Mounting Kit for Recessed Installations: Trim Kit, Model KB144-99 as manufactured by Koala Kare Products, a Division of Bobrick; with #6 x 1/4 inch self tapping screws.
- B. Diaper Kit Case:
 1. Basis of Design: Model KB113-99 as manufactured by Koala Kare Products, a Division of Bobrick.
 2. Kits Per Case: 120.
 3. Quantity Required: One case.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install products in strict compliance with manufacturer's written instructions and recommendations, including the following:
 1. Verify blocking has been installed properly.
 2. Verify location does not interfere with door swings or use of fixtures.
 3. Use fasteners and anchors suitable for substrate and project conditions.

4. Install units at location and height indicated on the Drawings.
5. Install units level, plumb and in proper relationship with adjacent construction.
6. Adjust for proper operation.

3.2 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION