

## Premium KD Wardrobe and Box Lockers

**General:** Lockers shall be "**Premium KD Wardrobe and Box Lockers**". Fabricate lockers square, rigid and without warp, with metal faces flat and free from dents or distortion. Make all exposed metal edges safe to touch. Weld frame members together to form rigid, one-piece structure. Weld, bolt, or rivet other joints and connections as standard with manufacturer. Grind exposed welds flush. Do not expose bolts or rivet heads on fronts of locker doors or frames except for fastening of number plates and recessed handle.

Lockers shall be **GREENGUARD Children & Schools Certified**<sup>SM</sup>

**Finishing:** All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors. Interior components to be painted #729 Parchment. **Two-Tone Color Combination: Shall be at no additional cost with the locker frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.**

**Frame:** Fabricate of 16 gauge (minimum) channels, with integral continuous door stop/strike formed on both latch and hinge side vertical members. Cross frame members of 16 gauge channel shapes, including intermediate cross frame members on double and triple tier (frames with doors over 18" high) lockers shall be securely welded to the vertical framing members to ensure rigidity. Rubber bumpers shall be provided to cushion door closing.

**Premium KD Wardrobe Doors:** Doors 20" high and over to be fabricated from single sheet prime 16 gauge (18 gauge for doors 9" wide as well as Two-Person and Duplex doors) with single bends at top and bottom and double bends at the sides. The channel formed by the double bend at the latch side is designed to fully conceal the lock bar. Doors shall be louvered. Upper compartment doors of Two-Person shall be plain (non-louvered).

**Premium KD Box Doors:** Doors 18" high and under to be fabricated from single sheet prime 18 gauge with single bends at top, bottom and sides. Doors shall include a combination friction catch door pull. Padlock Strike Plates are optional. Doors shall be fabricated to accept a built-in combination lock or padlock. **Doors with projecting spring latches shall not be acceptable.** Doors shall be louvered.

**Stainless Steel Recessed Locker Handle:** All wardrobe doors shall have a seamless drawn recessed stainless steel handle shaped to receive a padlock or built-in combination lock. The recess pan shall be deep enough to have the lock be flush with the outer door face. Box doors shall be equipped with a combination friction catch door pull as stated above.

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**Latch Assembly:** The latching mechanism for wardrobe doors shall be finger lift control type constructed of 14 gauge (minimum) steel with a nylon cover that has a generous finger pull. Spring activated nylon slide latches shall be completely enclosed in the lock channel allowing doors to close with the lock in the locked position. Locking device shall be designed for use with either built-in combination locks or padlocks. Latch hooks shall be securely welded to the vertical frame channel on the strike side to engage the nylon slide latches. Three latch hooks for doors 48" and higher, two latch hooks for doors under 48" high.

**Door Hinges:** All doors shall include a 16 gauge continuous piano hinge welded to the door and riveted to the frame. All doors to be right hand, side hinged..

**Body:** Fabricate back and sides of 24 gauge (minimum) sheet steel, with double flanged connections extending full height. Form top, bottom and intermediate tier dividers of 24 gauge (minimum) sheet steel with single return bends at all sides. Bolt top and bottom as well as horizontal tier dividers of wardrobe openings to front horizontal frame members at not less than one place in addition to side panels. Form hat shelves at 60" and 72" high single tier lockers of 24 gauge (minimum) sheet steel with single bends at sides and back and a double bend at front.

**Locks (If Required):** Shall be master keyed to one system for the entire project. (See lock use chart for suggested lock application).

**Equipment:** Furnish each locker with the following items, unless otherwise shown.

**Single tier lockers:** Openings 60" and 72" shall include one hat shelf, one double prong ceiling hook and a minimum of two single prong wall hooks.

**Double tier lockers:** Openings 30" and 36" high shall include one double prong ceiling hook and a minimum of two single prong wall hooks.

**Triple tier lockers:** Openings 20" and 24" high shall include one double prong ceiling hook only.

**Box lockers:** No hooks.

### Acceptable Manufacturers and Qualifications:

- A. General: Premium KD Wardrobe & Box Lockers by Southwest Solutions Group 2535-B State Hwy 121, Ste 110 Telephone: 1-800-803-1083.
- B. The materials, products and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution.
- C. No substitution will be considered prior to receipt of Bids unless written request for approval has been received by the Architect at least ten days prior to the date for receipt of Bids. Such requests shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitution including drawings, performance and test data, and other information necessary for an evaluation. A statement setting forth changes in other materials, equipment or other portions of the Work, including changes in the work of other contracts that incorporation of the proposed substitution would require, shall be included. The burden of proof of the merit of the proposed substitution is upon the proposer. The Architect's decision of approval or disapproval of a proposed substitution shall be final.
- D. If the Architect approves a proposed substitution prior to receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals

made in any other manner.

- E. No substitutions will be considered after the Contract award unless specifically Provided for in the Contract Documents.
- F. Alternate manufacturers may be considered by showing evidence of 5 years of experience in the manufacture and/or supply of the products herein, without deviation.

**Two-Year Warranty:** KD lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section **for a period of two years.**