



**Accuride®**  
*Always Moving Forward*



# 1.2012 SPECIFICATION SUGGESTIONS

**Section 06 41 00**  
Architectural Wood Casework

**Section 12 35 00**  
Specialty Casework

**Section 12 51 00**  
Office Furniture



All Accuride products  
are RoHS compliant.

# Specification Suggestions for Accuride Slide Products

**Section 06 41 00**

**Architectural Wood Casework**

**Section 12 35 00**

**Specialty Casework**

**Section 12 51 00**

**Office Furniture**

## **PART 1 - GENERAL**

### **1.X REFERENCE STANDARDS**

#### **NOTES TO THE SPECIFIER**

The only ANSI standard that tests drawer slides alone is BHMA A156.9 Cabinet Hardware. Other industry associations have standards that test drawer performance as part of a rating or certification of the entire unit. Associations such as SEFA (Scientific Equipment and Furniture Association), BIFMA (Business and Institutional Furniture Manufacturers Association) and KCMA (Kitchen Cabinet Manufacturers Association) include drawer performance testing in their standards. The performance of the slide greatly influences the unit's ability to pass these drawer performance tests.

Accuride suggested load ratings are established using Accuride test criteria. Our testing criteria is based on the portion of the BIFMA standards that test drawer performance in quality office furniture, SEFA standards that test drawer performance in laboratory casework, and BHMA.

BHMA A156.9 Grades 1HD-100 and 1HD-200 are recommended for heavy-duty applications such as commercial and institutional casework.

ANSI/BIFMA X5.6 and UL 1678 - Household & Commercial Carts and Stands and UL 1286 - Office Furnishings provide standards for static and dynamic load, stability, and endurance testing. These and other applicable standards may be obtained from:

#### **American National Standards Institute**

25 W. 43rd. Street, 4th Floor  
New York, NY 10036  
212/642-4980  
[www.ansi.org](http://www.ansi.org)

#### **Underwriters Laboratories, Inc.**

333 Pfingsten Road  
Northbrook, IL 60062-2096  
847/272-8800  
[www.ul.com](http://www.ul.com)

#### **Business and Institutional Furniture Manufacturer's Association**

678 Front Avenue NW, Suite 150  
Grand Rapids, MI 49504  
616/285-3963  
[www.bifma.org](http://www.bifma.org)

#### **Scientific Equipment and Furniture Association**

1205 Franklin Avenue Suite 320  
Garden City, NY 11530  
516/294-5424  
[www.sefalabs.com](http://www.sefalabs.com)

#### **Builders Hardware Manufacturers Association**

355 Lexington Avenue, 15th Floor  
New York, NY 10017-6603  
212/297-2122  
[www.buildershardware.com](http://www.buildershardware.com)

#### **Kitchen Cabinet Manufacturers Association**

1899 Preston White Drive  
Reston, VA 20191-5435  
703/264-1690  
[www.kcma.org](http://www.kcma.org)

## PART 2 - PRODUCTS

### NOTES TO THE SPECIFIER

The shape of the drawer affects its ability to handle a specific load. Consider the drawer width, depth, and height in specifying the correct slides. The formula used by BIFMA uses these dimensions to calculate expected load:

**Expected Load in lbs. (loaded with paper) = Drawer Depth (into cabinet) x Drawer Height x Drawer Width x 0.017 lbs./cu in. + Empty Drawer Weight (approx. 30 lbs.)**

Please take the weight of the expected contents into consideration when applying this formula to your project.

Refer to the product technical sheets in the Accuride product binder for additional information. Recommendations for slide selections are based on the following testing:


Model Number*	BHMA CERTIFIED	Drawer Width	Gross Load	Number of Cycles	Comment
3832SC-18	√	16 in. [406 mm]	100 lbs. [45 kg]	50,000	Cycle tested from center pull only.
3132EC-18	√	30 in. [762 mm]	100 lbs. [45 kg]	50,000	Cycle tested from center pull only.
7434-18	√	24 in. [610 mm]	100 lbs. [45 kg]	75,000	Cycle tested with side and center pull, drawer mounted with rail.
4034-18	-	24 in. [610 mm]	150 lbs. [68 kg]	75,000	Cycle tested with side and center pull, drawer mounted with rail.
3641-18	-	42 in. [1067 mm]	180 lbs. [82 kg]	75,000	Cycle tested with side and center pull.
3640A-18	√	42 in. [1067 mm]	200 lbs. [91 kg]	75,000	Cycle tested with side and center pull, drawer mounted with rail/bracket.
7957/7950-18	-	42 in. [1067 mm]	350 lbs. [159 kg]	10,000	Cycle tested with side and center pull.
9301-18	√	42 in. [1067 mm]	400 lbs. [181 kg]	75,000	Cycle tested with side and center pull.

Accuride load capacities for **manufactured casework** are based on testing in the following drawer configurations:

Model Number*	BHMA CERTIFIED	Drawer Width	Gross Load	Number of Cycles	Case Width
7434/7432-22	-	33.5 in. [851 mm]	100 lbs. [45 kg]	50,000	3-foot section
3640A-22	-	42 in. [1067 mm]	200 lbs. [91 kg]	75,000	4-foot section

\* Two-digit number after dash indicates slide length

Vertical edge pulls are not recommended for drawers that are wider (across the face) than they are deep (into the cabinet). A vertical edge pull on a wide drawer will increase racking of the drawer and possibly cause jamming.

 Note: All finishes and slide components are RoHS Compliant



## SECTION 06 41 00 ARCHITECTURAL WOOD CASEWORK

### 2.X HARDWARE

#### A. Drawer Slides for Light- and Medium-Duty Drawers

1. Drawers 24 in. [610 mm] wide or less: Accuride **7434** (7432, full extension) all ball bearing slide, with rail mount, full extension + 1 in. [25 mm] over travel, hold-in detent, 100 lbs./pr. [45 kg] load rating, and progressive movement.
  - a. Standard finish: clear zinc
  - b. Optional finish: black zinc
2. Drawers 30 in. [762 mm] wide or less: Accuride **3132EC Eclipse**, fully concealed undermount slide with ball bearing and polymer rollers, with lever disconnect, full extension, soft-closing action, and 100 lbs./pr. [45 kg] load rating.
  - a. Standard finish: clear zinc

#### B. Drawer Slides for Heavy-Duty Drawers

1. Drawers 42 in. [1067 mm] wide or less: Accuride **3640A** all ball bearing slide, with rail/bracket mount, full extension + 1 in. [25 mm] over travel, hold-in detent, and 200 lbs./pr. [91 kg] load rating.
  - a. Standard finish: clear zinc
  - b. Optional finish: black zinc
2. Drawers 42 in. [1067 mm] wide or less: Accuride **7957** (7950, non-disconnect) all ball bearing slide, with full extension, handed lever disconnect, and 350 lbs./pr. [159 kg] load rating.
  - a. Standard finish: clear zinc

#### C. Specialty Slides for TV or Computer Screens

1. Light-Duty Lift: Accuride **Ascent CBLift-0019** push to open and close mechanical lift for small screens from 5.5 to 14.5 lbs. [2.5–6.6 kg], up to 17.5 in. [450 mm] tall, and 22 in. [558.8 mm] diagonally; swivels +/- 112.5°. Optional brackets required to mount screen to lift.
  - a. Standard finish: black zinc

#### D. Slides for Retracting Cabinet Doors up to 42 inches tall—Flipper Door Slides®

1. Vertical cabinet doors up to 30 lbs. [14 kg] and 42 in. [1067 mm] tall that retract into the cabinet: Accuride **1321 Pro Pocket** all ball bearing, full overlay Flipper Door Slides® with auto-open feature.
  - a. Standard finish: black zinc



## SECTION 12 35 00 SPECIALTY CASEWORK

### 2.X HARDWARE

#### A. Drawer Slides for Light- and Medium-Duty Drawers

1. Drawers 16 in. [406 mm] wide or less: Accuride **3832** all ball bearing slide, with lever disconnect, hold-in detent, full extension, and 100 lbs./pr. [45 kg] load rating.
  - a. Standard finish: clear zinc
  - b. Optional finishes: black zinc, electrocoat white
  - c. Optional features: self-closing, touch release, heavy-duty self-closing, weather resistant, detent out, and easy-close\*.
2. Drawers 30 in. [762 mm] wide or less: Accuride **3132EC Eclipse**, fully concealed undermount slide with ball bearing and polymer rollers, with lever disconnect, full extension, soft-closing action, and 100 lbs./pr. [45 kg] load rating.
  - a. Standard finish: clear zinc
3. Drawers 33.5 in. [851 mm] wide or less, drawer width of a standard 3-foot case section: Accuride **7434** (7432, full extension) all ball bearing slide, with rail mount, full extension + 1 in. [25 mm] over travel, hold-in detent, 100 lbs./pr. [45 kg] load rating, and progressive movement.
  - a. Standard finish: clear zinc
  - b. Optional finish: black zinc

#### B. Drawer Slides for Heavy-Duty Drawers

1. Drawers 24 in. [610 mm] wide or less: Accuride **4034** all ball bearing slide, with rail mount, hold-in detent, full extension + 1.5 in. [38 mm] over travel, 150 lbs./pr. [68 kg] load rating, and progressive movement.
  - a. Standard finish: clear zinc
  - b. Optional finish: black zinc
2. Drawers 42 in. [1067 mm] wide or less, drawer width of a standard 4-foot case section: Accuride **3640A** all ball bearing slide, with rail/bracket mount, full extension + 1 in. [25 mm] over travel, hold-in detent, and 200 lbs./pr. [91 kg] load rating.
  - a. Standard finish: clear zinc
  - b. Optional finish: black zinc
3. Drawers 42 in. [1067 mm] wide or less: Accuride **7957** (7950, non-disconnect) all ball bearing slide, with full extension, handed lever disconnect, and 350 lbs./pr. [159 kg] load rating.
  - a. Standard finish: clear zinc

#### C. For Extra-Heavy-Duty Drawers

1. Drawers 42 in. [1067 mm] wide or less: Accuride **9301** ball bearing slide, with no disconnect, full extension, and up to 400 lbs./pr. [181.4 kg] load rating.
  - a. Standard finish: clear zinc

\* Check for available finishes.



## SECTION 12 51 00 OFFICE FURNITURE

### 2.X HARDWARE

#### A. Drawer Slides for Light- and Medium-Duty Box Drawers

1. Drawers 24 in. [610 mm] wide or less: Accuride **7434** (7432, full extension) all ball bearing slide, with rail mount, full extension + 1 in. [25 mm] over travel, hold-in detent, 100 lbs./pr. [45 kg] load rating, and progressive movement.
  - a. Standard finish: clear zinc
  - b. Optional finish : black zinc
2. Drawers 30 in. [762 mm] wide or less: Accuride **3132EC Eclipse**, fully concealed undermount slide with ball bearing and polymer rollers, with lever disconnect, full extension, soft-closing action, and 100 lbs./pr. [45 kg] load rating.
  - a. Standard finish: clear zinc

#### B. Drawer Slides for Heavy-Duty and Lateral File Drawers

1. Drawers 42 in. [1067 mm] wide or less: Accuride **3640A** all ball bearing slide, with rail/bracket mount, full extension + 1 in. [25 mm] over travel slides, hold-in detent, and 200 lbs./pr. [91 kg] load rating.
  - a. Standard finish: clear zinc
  - b. Optional finish: black zinc
2. Drawers 42 in. [1067 mm] wide or less: Accuride **7957** (7950, non-disconnect) all ball bearing slide, with full extension, handed lever disconnect, and 350 lbs./pr. [159 kg] load rating.
  - a. Standard finish: clear zinc
3. Drawers 42 in. [1067 mm] wide or less: Accuride **3641 Interlock** all ball bearing slide, with rail and pocket mount/disconnect, full extension + 1 in. [25 mm] over travel, hold-in detent, 180 lbs./pr. [82 kg] load rating, silenced in and out, with interlock anti-tip feature to prevent more than one drawer from opening at a time. Interfaces with central locking system.
  - a. Standard finish: clear zinc
  - b. Optional finish: black zinc
  - c. Optional gang locking system

#### C. Keyboard Tray

1. Keyboard tray with adjustable tilt plate: Accuride **CBERGO-TRAY300** all ball bearing, full extension slides with three-position detent and an integral keyboard tray including gel palm rest, storage compartments, cable management, and mouse pad.

## PART 3 - INSTALLATION

### NOTES TO THE SPECIFIER

Accuride recommends the cabinets be finished before drawer slide installation to prevent getting slide lubrication on the unfinished wood and finishing debris in the slides. If job site finishing is required, mask all sliding hardware to prevent sawdust, sealer, finish, or other debris from fouling the slide. Do not apply finish or sealer to the drawer slides.

#### 3.1 INSTALLATION

- A. Install products specified in accordance with requirements in affected sections and manufacturer's instructions.

#### 3.2 ADJUSTING

- A. Adjust operating components of products in accordance with manufacturer's instructions; ensure that products operate correctly.

## Limited Lifetime Warranty

Accuride International Inc. warrants its Accuride-branded drawer slides against defects in material and workmanship for so long as the original purchaser owns them.\* This warranty does not cover drawer slides which have been damaged due to abuse, improper installation, excessive loads, or any use contrary to the instructions accompanying the product. Accuride will send the original purchaser a replacement of the same model or a comparable model at no cost. This warranty is for replacement only and does not cover the cost of removal, installation, or other incidental charges.

To obtain a replacement slide under this warranty, contact Accuride Technical Support within 30 days of the discovery of the defect. Please let us know how the product was used and the type of defect or malfunction experienced. Contact us by e-mail or phone at:

**Technical@accuride.com**

**or**

**562-903-0200, ext. 1436\*\***

The foregoing express limited warranty is in lieu of all other express warranties and excludes incidental or consequential damages. This warranty does not apply to products sold and used outside of the United States and Canada. All warranties implied by state law, including implied warranties of merchantability and fitness for a particular purpose, are expressly limited. Some states do not allow limitations on how long an implied warranty lasts or exclusion of incidental or consequential damages, so the foregoing limitation or exclusion may not apply to you. This Limited Lifetime Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

\* *This warranty does not apply to the cylinder for the Easy-Down® Flipper Door Slide®, CBERGO-TRAY Keyboard Systems, or any other Accuride product for which the expressed warranty differs from the Limited Lifetime Warranty offered above. Please contact Accuride Technical Support for further information.*

\*\* *NOTE: For general questions or assistance unrelated to product warranty, please call the Architectural Support Line at 888-459-8624 or e-mail us at [archinfo@accuride.com](mailto:archinfo@accuride.com).*

# Accuride Precision Slide Products

## THE IMPORTANCE OF FUNCTION.

When the design is complete, don't overlook the function. Slides, after all, are an important part of casework and cabinetry and should communicate quality craftsmanship every time a drawer is opened.

## ALL SLIDES ARE NOT CREATED EQUAL.

With true precision motion, Accuride drawer slides are recognized as the industry benchmark for smoothness, silence, and strength. We operate one of the industry's largest test laboratories to ensure that product designs not only meet the ANSI standards as established by BIFMA, KCMA, or BHMA, but in most cases, exceed them.

## SPECIFYING MADE SIMPLE.

Accuride has the industry's broadest range of drawer and specialty slide products available through a network of authorized distributors. We take the guesswork out of specification with:

- Experienced factory representatives who work directly with you to offer assistance with slide selection and specification.
- Downloadable specifications, detailed product information, and CAD drawings available on our web site.
- A comprehensive binder that includes product information, technical sheets, and specification suggestions.

**When quality counts,  
specifiers, designers, and manufacturers  
count on Accuride.**

***Accuride***<sup>®</sup>  
*Always Moving Forward*

12311 Shoemaker Avenue • Santa Fe Springs, CA 90670 • [www.accuride.com](http://www.accuride.com)

Follow us



Facebook: <http://bit.ly/accuridearch>

Twitter: <http://twitter.com/accuridearch>

**Specifier Support Hotline**  
**(888) 459-8624**

