

Hardware Resources is committed to providing the highest quality products to our customers, products that give a lifetime of consistent, reliable performance through:

- Extensive field testing with our products in the hands of real customers using them in the most challenging real world applications
- Ensuring that our products meet the required standards set forth by national institutions, such as ANSI and the Woodworking Institute through rigorous third party testing and certification

Throughout our catalog you will see references to various certifications including ANSI/BHMA and the Woodworking Institute (WI). These are some of the most common ratings and their meanings:

For cabinet hinges:

ANSI/BHMA Hinge Grade	Door Weight	Permanent Set Test Load	Cycle Test Rating
Grade 1	40 ± 1/2 lb	160 lbf	100,000 cycles
Grade 2	12 ± 1/2 lb	75 lbf	50,000 cycles
Grade 3	6 ± 1/2 lb	75 lbf	25,000 cycles

For drawer slides:

ANSI/BHMA Slide Grade	Static Load Weight	Cycle Test Rating
Grade 1	75 lb	50,000
Grade 2	50 lb	35,000
Grade 3	50 lb	25,000
1HD-100	100 lb	50,000

Static Load Rating: non-moving weight test with the specified weight over 24 hours.

Dynamic Load Rating: more robust test which includes a moving weight test with a specified weight over a set number of cycles.

Woodwork Institute certification and what it means:

As a service to members of the Woodwork Institute and the architectural millwork industry in general, the WI certifies and acknowledges products that have been reviewed and confirmed to meet the WI's minimum requirements. These product requirements are established by the Architectural Woodwork Standards and can be found online at <http://woodworkinstitute.com>.



WOODWORK INSTITUTE



sample hinge certification