

**ANSI/BHMA A156.18 – 2006
American National Standard for Materials and Finishes**

This standard establishes finish test methods and code numbers for finishes on various base materials. It includes criteria for viewing comparative finishes to the BHMA match plates and establishes five categories of finishes.

Tests requirements include: salt spray test; perspiration test; humidity test; abrasion resistance test; and ultraviolet light and condensation test. In addition, finish nomenclature and code numbers are detailed in this standard.

Examples of Finish Tests:

Salt Spray Test. This test shall be conducted in accordance with ASTM B 117-95 Standard Method of Salt Spray (Fog) Testing. Parts shall withstand exposure for the time specified in the applicable ANSI/BHMA A156 Series Standard without base material or substrate corrosion exceeding...

Perspiration Test This test shall be conducted using a reagent made up by weight of 5% sodium chloride, 5% acetic acid, 3% butyric acid, 3% valeric acid and 84% distilled water... Apply the reagent...

Please note that the respective product standard, i.e. ANSI/BHMA A156.2 for Locks, governs which tests and values are applicable.

Examples of finish nomenclature and code numbers:

BHMA CODE NUMBER	FINSH DESCRIPTION	BASE MATERIAL	NEAREST FORMER US EQUIVALENT
	Bright Brass		
605	Bright Brass, clear coated	Brass	US3
632	Bright brass plated, clear coated	Steel	US3
666	Bright brass plated, clear coated	Aluminum	US3
677	Bright brass plated, clear coated	Zinc	US3
723	Bright brass appearance vacuum applied	Brass/Bronze	US3
724	Bright brass appearance vacuum applied	300 Series Stainless Steel	US3
729	Bright brass appearance vacuum applied	Zinc	US3

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Note: This document is not to be used as a substitute for the standard. Users should refer to the entire standard for complete requirements and details. For further information go to www.buildershardware.com.