

Useful Specs

B.H.M.A (Builders Hardware Manufacturers Association)

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.

Test 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.

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BHMA CODE	FINISH DESCRIPTION	BASE MATERIAL	CATEGORY	NEAREST U. S. EQUIVALENT
600	Primed for painting	Steel	D	USP
601	Bright Japanned	Steel	D	US1B
602	Cadmium plated	Steel	D	US2C
603	Zinc plated	Steel	D	US2G
604	Zinc plated and dichromated sealed	Steel	D	
605	Bright brass, clear coated	Brass	A	US3
606	Satin brass, clear coated	Brass	A	US4
607	Oxidized satin brass, oil rubbed	Brass	B	
608	Oxidized satin brass, relieved, clear coated	Brass	C	
609	Satin brass, blackened, satin relieved, clear coated	Brass	C	US5
610	Satin brass, blackened, bright relieved, clear coated	Brass	C	US7

Information

The finishes on doorknobs, locks, strikes and handles are very different from typical finishes for fasteners used in the O.E.M. market. The abbreviations in this industry may seem similar to those you've seen in use by other industries. ... but they are not.

When supplying fasteners in this market segment keep in mind that variation in color, tone, gloss and texture can be very critical even on the lowly screws used to install them.

There can be great differences in the final finish depending on the base material used and how the finish is applied. The BHMA (Builder's Hardware Manufacturing Association) have a system, developed with ANSI to take the guesswork out of what is meant by dark bronze, or satin silver. Be sure to include the BHMA finish code when requesting a quote from your plating & finishing company.

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BHMA CODE	FINISH DESCRIPTION	BASE MATERIAL	CATEGORY	NEAREST U.S. EQUIVALENT
611	Bright bronze, clear coated	Bronze	A	US9
612	Satin bronze, clear coated	Bronze	A	US10
613	Oxidized satin bronze, oil rubbed	Bronze	B	US10B
614	Oxidized satin bronze, relieved, clear coated	Bronze	C	
615	Oxidized satin bronze, relieved, waxed	Bronze	C	
616	Satin bronze, blackened, satin relieved, clear coat	Bronze	C	US11
617	Dark oxidized satin bronze, bright relieved, clear coated	Bronze	C	US13
618	Bright nickel plated, clear coated	Brass, Bronze	A	US14
619	Satin nickel plated, clear coated	Brass, Bronze	A	US15

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BHMA CODE	FINISH DESCRIPTION	BASE MATERIAL	CATEGORY	NEAREST U.S. EQUIVALENT
620	Satin nickel plated, blackened, satin relieved, clear coated	Brass, Bronze	C	US15A
621	Nickel plated, blackened, matte relieved, clear coated	Brass, Bronze	C	US17A
622	Flat black coated	Brass, Bronze	A	US19
623	Light Oxidized bright bronze, clear coated	Bronze	C	US20
624	Dark Oxidized, statuary bronze, clear coated	Bronze	C	US20A
625	Bright chromium plated	Brass, Bronze	A	US26
626	Satin chromium plated	Brass, Bronze	A	US26D
627	Satin aluminum, clear coated	Aluminum	A	US27
628	Satin aluminum, clear anodized	Aluminum	A	US28
629	Bright stainless steel	Stainless steel 300 Series	A	US32

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BHMA CODE	FINISH DESCRIPTION	BASE MATERIAL	CATEGORY	NEAREST U.S. EQUIVALENT
630	Satin stainless steel	Stainless steel 300 Series	A	US32D
631	Flat black coated	Steel	E	US19
632	Plated bright brass, clear coated	Steel	E	US3
633	Plated satin brass, clear coated	Steel	E	US4
634	Plated oxidized satin brass, oil rubbed	Steel	B	
635	Plated oxidized satin brass, relieved, clear coated	Steel	C	
636	Plated satin brass, blackened bright relieved, clear coated	Steel	C	US7
637	Plated bright bronze, clear coated	Steel	E	US9
638	Plated satin brass, blackened, satin relieved, clear coated	Steel	C	US5
639	Plated satin brass, clear coated	Steel	E	US10

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BHMA CODE	FINISH DESCRIPTION	BASE MATERIAL	CATEGORY	NEAREST U.S. EQUIVALENT
640	Plated oxidized satin bronze, oil rubbed	Steel	B	US10B
641	Plated oxidized satin bronze, relieved, clear coated	Steel	C	
642	Plated oxidized satin bronze, relieved, waxed	Steel	C	
643	Plated satin bronze, blackened, satin relieved, clear coated	Steel	C	US11
644	Plated dark oxidized satin bronze, bright relieved, clear coated	Steel	C	US13
645	Bright nickel plated, clear coated	Steel	E	US14
646	Satin nickel plated, clear coated	Steel	E	US15
647	Satin nickel plated, blackened, satin relieved, clear coated	Steel	C	US15A
648	Nickel plated, blackened, matte relieved, clear coated	Steel	C	US17A
649	Plated light oxidized bright bronze, clear coated	Steel	C	US20

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BHMA CODE	FINISH DESCRIPTION	BASE MATERIAL	CATEGORY	NEAREST U. S. EQUIVALENT
650	Plated dark oxidized atatuary bronze, clear coated	Steel	C	US20A
651	Bright chromium plated	Steel	E	US26
652	Satin chromium plated	Steel	E	US26D