

Castlebrook Barns

Castle-Tek *xl* Standard System Colors



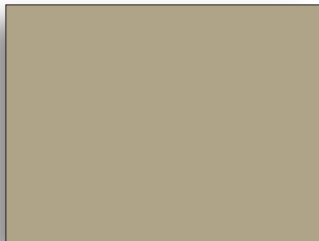
Durango



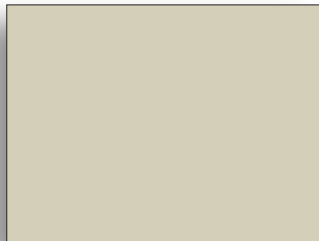
Cambridge



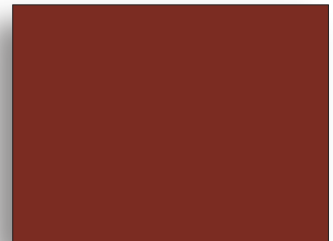
Noble



Sahara



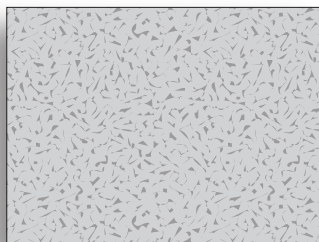
Fargo



Grand Prix



Nantucket



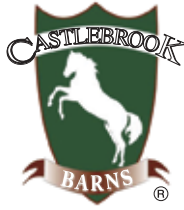
Armour

Note: Colors are for reference only. Actual color may differ depending on viewing conditions. Actual color samples are available upon request.

Castle-Tek *xl* Roofing

The proprietary chemistry of the Castle-Tek *xl* system combines highly durable resin and pigment technology for superior color retention and chalk resistance. The paint technology combined with our proven Zinalume[®] coated steel is a system that provides an attractive appearance and the durability deserving of its 40-Year Warranty.

14600 Whittram Avenue, Fontana, California 92335
800.52BARN'S Toll Free • 909.822.0500 Tel • 909.822.0709 Fax



Castlebrook Barns

Castle-Tek *xl* Standard System Colors

Castle-Tek *xl*

**Proudly offers a Limited
40 Year Warranty**

Specifications

Castle-Tek *xl* two coat 1 mil thick paint system, composed of a low bake universal primer and a proprietary resin topcoat, applied over Zinalume[®] zinc-aluminum coated steel.

Technical Data:

1. Dry Film Thickness, 0.70-0.80 mil topcoat, 0.20-0.30 mil primer, per ASTM D1400-87, D1005-84 (1990)
2. Gloss- 30 ± 5 at 60°, per ASTM D523-89
3. Pencil Hardness - F minimum Eagle Turquoise Drafting Lead hardness, ASTM D3363-92a
4. Formability - T-bend, No tape removal of film for 2T Bend per ASTM D4145-83 (1990)
5. Formability - Mandrel. No cracking or tape removal of film from 180° bend around 1/16" mandrel, per ASTM D522-93a
6. Adhesion - No adhesion loss from reverse impacted 1/16" crosshatch, per ASTM D3359
7. Reverse Impact - No cracking (excluding zinc spangle cracking) or tape removal of film from impact 3 x metal thickness inch-pounds, no loss of adhesion per ASTM D2794-93
8. Abrasion - Falling Sand, 30 liters minimum to expose 5/32" of substrate, per ASTM D968-93
9. Acid Pollutants - No discoloration after 10% sulfuric acid, 24 hours, per ASTM D1308-87 (1993)
10. Acid Pollutants - No discoloration after 10% nitric acid spot, 15 minute, per AAMA 605.2-91, Test #7.7.3.1
11. Salt Fog - Passes 1000 hours in 5% Salt fog @ 95° F - (1/8" maximum average scribe creep. None or few #8 field blisters.), per ASTM B117-85
12. Humidity - Passes 1500 hours in 100% relative humidity @ 95° F (1/8" maximum average scribe creep, none or few #8 field blisters.), per ASTM D2247-92, D714-87
13. Color Retention - Maximum 5 Fade after 5 years Florida exposure @ 45° S, per ASTM D2244-93
14. Chalk Resistance - Maximum 8 Chalk after 5 years Florida exposure @ 45° S, per ASTM D4214
15. Film Erosion Rate - <0.025 mil/year average after 15 years Florida exposure @ 45° S

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