

# Factory Finish

Environmental awareness and understanding the need for door opening solutions that provide beauty, durability, and reliability influenced Graham's selection of a unique factory finish system. Combining the use of non-solvent based modified acrylic stains and finish topcoats, the water-borne materials we use provide richly colored and highly protective finishes. Additionally, our multi-step automated process results in low energy demand for UV curing and virtually no waste. Our successful integration of stain and topcoat materials with a technologically advanced process consistently results in architectural wood doors that have the appearance of fine furniture.

Graham's finish system is newer technology than what is defined by TR-4 and TR-6. In order to confirm exceptional performance of our finish system, Graham completed testing to compare performance against these two common finishes. As detailed in the table below, Graham's finish performed equal to or better than TR-6 and TR-4 in all categories. Combine this durable performance with our environmentally friendly process, and Graham is proud to provide prefinished doors to you.

TEST RESULTS - PREMIUM GRADE TOPCOATS			
TEST	GRAHAM	TR-6	TR-4
Wear/Moisture Resistance	5	5	5
Print Resistance ASTM 2091	5	5	5
Abrasion Resistance ASTM 4060	5	5	4
Adhesion ASTM D3359	5	5	5
Cold Check Resist ASTM D1211	5	5	5
Impact Resistance	5	5	5
Chemical Resist ASTM D1308			
2% Caustic	5	5	5
10% Sodium Hydroxide	5	5	4
10% Tri-Sodium Phosphate	5	5	4
Glacial Acetic Acid	5	5	4
50% Sulphuric Acid	5	5	4
28% Ammonium Hydroxide	5	5	4
95% Ethyl Alcohol	5	5	4
Cooking Oil 1	5	5	5
Hot Coffee	5	5	5
Orange Juice	5	5	5
Tomato Juice	5	5	5
Mustard	5	5	5
Nail Polish & Remover	5	5	4
Chemical Resist ASTM D2248			
Soap Detergent	5	5	5
5 = Excellent 4 = Very Good 3 = Good 2 = Fair 1 = Poor			

# Colors

Graham Wood Doors offers 28 semi-transparent standard colors, the largest selection in the industry. The result is a simpler and more direct way to select and confirm prefinish door colors. In addition to the original 9 colors, the 19 new colors represent a wide and typical array of color tones that will more frequently allow a specifier to confirm the prefinish door color without going through the time-consuming custom color process. Our range includes colors that are compatible to other door manufacturers' standard colors. Custom color matching is available if the 28 standard colors do not meet your design requirements.

**Graham Colors**

- #100 - Clear
- #125 - Fallow
- #175 - Barley
- #200 - Spiced Walnut
- #225 - Zin
- #250 - Copper
- #275 - Russet
- #300 - Medium Brown
- #325 - Rose
- #350 - Cocoa
- #375 - Hazel
- #380 - Corsica
- #400 - Dark Walnut
- #425 - Cactus
- #500 - Medium Red
- #550 - Umber
- #600 - Wheat
- #625 - Buff
- #650 - Sandy
- #675 - Apricot
- #700 - Dark Brown
- #775 - Auburn
- #800 - Dark Red
- #850 - Midnight
- #901 - Burgundy
- #902 - Cayenne
- #925 - Ochre
- #950 - Sedona



If you have a project that requires a unique color, simply submit a sample, and Graham will match it. Since the natural color and grain characteristics of wood result in a range within a prefinish color, we provide you a set of samples that represent the “blend” or range of tone, color, and grain that will be present in the finished product. Upon your review and approval of the custom color sample set, we will finish your doors to the color range specified.