

# Advisory Bulletin



BUILDING VALUE SINCE 1906

## TB-84 Comparison of Bobrick SierraSeries® VS. “Color-Thru Phenolic”

|                          | Solid Color Reinforced Composite (SCRC)  | “Color-Thru Phenolic”   | Benefits of SCRC  | SCRC Demonstration(s) / Support Material  |
|--------------------------|--|---|---|---|
| <b>Core Construction</b> | Homogeneous core:<br>Homogeneous composite of organic cellulose fibers, dyes and resins. | Layered core:<br><i>Accurate:</i> <sup>1</sup> Comprposed of multiple layers of resin-impregnated kraft paper with a decorative surface sheet on both faces.<br><br><i>Global:</i> <sup>2</sup> Decorative plastic laminate with multiple resin-impregnated kraft and surface sheets. | Homogeneous construction results in soild color through entire panel. Consistent core material color maintained if sanding is needed to repair heavy scratches/gouges in the field. | Sand through surface of both material using Dremel or Rotozip equipped with 80-grit flapwheel. Moisten sanded areas with Graffiti Remover (#891099) to increase contrast. Observe differences in core color and material construction.  |
| <b>Material Surface</b>  | Ultra-hard GraffitiOff™ surface.   | <i>Accurate:</i> <sup>1</sup> Decorative surface sheet on both faces.<br><br><i>Global:</i> <sup>2</sup> Decorative plastic laminate with multiple resin-impregnated kraft and surface sheets.  | Textured GraffitiOff™ surface provides scratch-, impact-, and graffiti-resistance.  | <i>Scratch Resistance:</i> Use Bobrick Uniform Scratch Tester (#1002709) to scratch both materials under same load. Wipe scratch with Graffiti Remover (#891099). Wait one minute. Observe differences in scratch resistance.<br><br><i>Impact Resistance:</i> TB-83: Impact Resistance of Solid Color Reinforced of Soild Color Reinforced Composite Material. |

<sup>1</sup> Information about Accurate Color-Thru Phenolic obtained from Accurate Partitions Corp. website.

<sup>2</sup> Information about Global Color-Thru Phenolic obtained from Global Steel Products Copr. website.

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| <b>Door Hardware</b>              | Stainless steel.                                   | <i>Accurate:</i> <sup>1</sup> Stainless steel or cast zamac with brushed finish.<br><i>Global:</i> <sup>2</sup> Chromium-plated dies cast zamac.   | Heavy-duty durable material used on partition hardware.   | Physical samples / 3-Part Specification         |
| <b>Urinal Screens</b>             | 3/4" thick.  | <i>Accurate:</i> <sup>1</sup> 1/2" thick.<br><i>Global:</i> <sup>2</sup> Not stated.   | Solid, rigid urinal screen construction.  | SierraSeries® Brochure                          |
| <b>Appearance</b>                 | Random, natural color variations throughout panel. | <i>Accurate:</i> <sup>1</sup> Decorative surface sheet on both faces.<br><i>Global:</i> <sup>2</sup> Decorative plastic laminate with multiple resin-impregnated kraft and surface sheets. | Unique surface texture and color variations camouflage incidental scratches / surface damage to panels. | Visual Inspection                               |
| <b>LEEDs Program Contribution</b> | Contributes up to 5 LEED credit categories.        | <i>Accurate:</i> <sup>1</sup> Contribute up to 5 LEED credit categories.<br><i>Global:</i> <sup>2</sup> Contributes up to 5 LEED credit categories.  | Contribute to multiple LEED credit categories for building seeking LEED program certification.          | TB-77 SierraSeries® LEED Certification Program. |

<sup>1</sup> Information about Accurate Color-Thru Phenolic obtained from Accurate Partitions Corp. website.

<sup>2</sup> Information about Global Color-Thru Phenolic obtained from Global Steel Products Corp. website.