



PROSOCO®

Consolideck®

CONCRETE FLOORING PRODUCTS

Integral Color for Overlays

Consolideck® Integral Color for Overlays is a pre-measured liquid color concentrate specially formulated to mix with overlays and polishable overlays.

Available in 9 colors, the integral colors create attractive and renewable floors when added integrally to polishable overlays.

The non-hazardous, water-based formulations are UV-resistant and suitable for indoor or outdoor use. They can be applied outdoors when used with exterior-grade cementitious overlays.

The integral colors for overlays are compatible with the full line of PROSOCO products to color, densify, dustproof, add sheen or improved stain protection of polishable overlays.

Available Colors

Black 2583	Light Gray 2559
Medium Gray 2560	Nutmeg 2553
Slate Green 2570	Terracotta 2566
Tile Red 2571	Walnut 2563
White 2561	

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job-site controls during application and handling.

24-Hour Emergency Information:
INFOTRAC at 800-535-5053

REGULATORY COMPLIANCE

VOC Compliance

Consolideck® Integral Color for Overlays is compliant with the US Environmental Protection Agency's AIM VOC regulations.

Visit www.prosoco.com/voc-compliance to confirm compliance with individual district or state regulations.

ADVANTAGES

- **Pre-measured.** One 10-fluid ounce bottle of color per bag of overlay.
- **VOC-compliant. Non-flammable. Non-toxic. Non-corrosive. Low-odor.**
- **Water-based, formulated for easy cleanup and no-hassle shipping.**
- **Available in 9 standard colors.**
- **UV-resistant.**
- **Manufactured to strict standards to ensure color uniformity and consistency.**

Limitations

- Overlay color, composition, aggregate exposure and finish will affect the final color.
- Grinding and polishing the integrally colored overlay will change the final color and appearance compared to the unpolished overlay.
- Water content is critical to the self-leveling characteristic of overlays. Adjusting the water content when adding integral colorants can have varying results in the physical properties of the overlay. Always test.

Product Data Sheet

Consolideck® Integral Color for Overlays

TYPICAL TECHNICAL DATA

FORM	liquid colorant
SPECIFIC GRAVITY	1.1 – 2.1
pH	7.9 – 9.9
WT/GAL	9.05 – 17.09 lbs
ACTIVE CONTENT	not applicable
TOTAL SOLIDS	53–56%
VOC CONTENT	0 g/L
FLASH POINT	no data
FREEZE POINT	32°F (0°C)
SHELF LIFE	2 years in tightly sealed, unopened container

PREPARATION

Protect people, vehicles, property and any surface not to be treated from contact with the product. Follow overlay manufacturer's instructions for surface preparation.

Surface and Air Temperatures

Minimum ambient and surface temperature for application is 40° F (4° C) during application and for a minimum of 24 hours after application. Do not apply if rain is expected during application or within 24 hours after application.

Variations in ambient and surface temperature, mixing techniques and finishing techniques will affect final appearance. Samples and mock-ups are strongly recommended. Follow overlay manufacturer's recommendations for overlay placement.

Equipment

Follow the overlay manufacturer's recommendations for proper equipment to mix the overlay product.

Storage and Handling

Keep from freezing. Store in a cool, dry place away from potential ignition sources. Keep tightly closed when not dispensing. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature of 45–100°F (7–38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

APPLICATION

Read "Preparation" and the Safety Data Sheet before use.

Integrally adding colors into overlays and polishable overlays is simplified by adding contents of the pre-measured 10-fluid ounce bottles into the water during the mixing process. ALWAYS TEST.

Deliberately increasing the amount of integral color in the mix to intensify the color should be performed in measured steps, placed in samples or a mock-up prior to full scale placement.

The addition of integral colors to the overlay may affect the self-leveling performance and other properties of the overlay. Some overlays require the subtraction of mix water equal to the amount of pigment added. Other overlays are not affected by the addition of pigment and a water adjustment is not required. The overlay manufacturer may have mix water recommendations when adding a liquid color. A test batch is required to ensure desired results.

On-Site Testing

Testing the integrally colored overlays on-site is recommended as the following conditions can affect the results:

- Overlay selection is important:
 - *Overlay color, composition and finish affect the final color.
 - *Overlays come in different sizes of bags, ranging from 45 to 60 pounds, which may affect integral colorant dilution.
- Grinding and polishing the integrally colored overlay may change the final color and appearance compared to the unpolished overlay.
- Water content is critical to the self-leveling characteristic of overlays. Adjusting the water content when adding integral colorants can have varying results in the physical properties of the overlay. Always test.

Mixing Instructions

1. Determine the amount of water for one bag of dry mix recommended by the overlay manufacturer.
2. Determine batch size and measure the appropriate amount of water into the mixing vessel.
3. Shake the 10-oz bottle well to mix thoroughly.
4. Add the appropriate amount of the integral colors into the water and mix well. The integral color should be added one 10-ounce bottle per each bag of overlay in the batch. As you are batching, fill the colorant bottles halfway with the colorant/water admixture, replace the cap and

Product Data Sheet

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shake vigorously to loosen and mix any settled pigment. Pour this material back into the mixing vessel and mix well prior to adding the dry overlay material.

4. Add the dry overlay material slowly and evenly into the colorant/water admix with the mixer running or in accordance with the overlay manufacturer's instructions.
5. Mix 3–5 minutes until the mixture is smooth and lump-free. Perform a scrape down midway to ensure the colorant, water, and overlay mix well for consistent color throughout the placement. Follow the overlay manufacturer's instructions for mixing.

Placement

ALWAYS TEST – it is best practice to have a mock-up of the finished integrally colored overlay on-site.

Follow the overlay manufacturer's instructions for proper placement of the overlay product.

Grinding/Polishing

If desired, follow the overlay manufacturer's instructions for diamond grinding and polishing the surface of the overlay. Consolideck® Grind-N-Fill may be beneficial in the grinding process. Always obtain the Product Data for full limitations, application and safety instructions before applying any PROSOCO product.

Hardening/Densifying

Cured overlays may be densified with Consolideck® LS®, LS/CS® or Blended Densifier. Always obtain the Product Data for full limitations, application and safety instructions before applying any PROSOCO product.

Sealing

Floors with integrally colored overlays should be sealed and protected using Consolideck® sealers before use. Sealing not only protects the floor, but also protects and helps preserve the color as well. After sealing, the floor is ready to use when dry and should show reduced water absorption and the desired sheen. After sealing, maximum water resistance develops over 7 days. Contact your local PROSOCO Concrete Flooring Technical Specialist for assistance in determining which Consolideck® sealing product is right for the project, or call PROSOCO Customer Care at 800-255-4255.

Cleanup

Clean wet tools and equipment while still wet using clean water.

Maintenance

Sweep the floor daily with a microfiber pad or dry dust mop. Use only maintenance cleaners and cleaning pads and/or brushes designed for finished concrete flooring

Use Consolideck® LSKlean or Consolideck® DailyKlean for regular maintenance cleaning.

The use of aggressive scrubbing pads, improper cleaning solutions or high-pressure rinsing may damage finished concrete flooring and paving. **ALWAYS TEST** to ensure desired results. Call Customer Care at 800-255-4255 for further recommendations.

BEST PRACTICES

Colors will be affected by the base overlay color. Always test to ensure desired results.

The addition of integral color to the overlay may affect the self-leveling performance of some overlays.

Some overlays require the subtraction of mix water equal to the amount of pigment added, while others do not. A test batch is required to ensure desired results. Always follow overlay manufacturer instructions.

Deliberately increasing the amount of integral color in the mix to intensify the color should be performed in measured steps, placed in samples or a mock-up prior to full scale placement.

ALWAYS TEST – it is best practice to have a mock-up of the finished integrally colored overlay on-site.

Grinding will affect the overall color. Some surface sealers can affect the overall color as well. Always test.

Cured overlays may be densified with Consolideck® LS®, LS/CS® or Blended Densifier.

Always use Consolideck® LSKlean or Consolideck® DailyKlean for maintenance cleaning of concrete floors. Conventional floor cleaners may dull high-gloss finishes. Consolideck® LSKlean and DailyKlean contain no harsh acids, alkalines, solvents or abrasives.

For concrete floors regularly maintained with auto scrubbers, use Consolideck® LSKlean ULTRA 15 or LSKlean ULTRA 30 for easy dilution. The same ease of dilution is available for daily cleaning with Consolideck® DailyKlean ULTRA 15 and DailyKlean ULTRA 30.

Never go it alone. If you have problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care, toll-free, at 800-255-4255.

Product Data Sheet

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WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product

to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our website at www.prosoco.com, for the name of the PROSOCO representative in your area.

