

**CONCRETE PREP PRIOR TO INSTALLATION of**  
**RJSC Colorants/Coatings**

1. **Prior to start of installation of RJSC materials, concrete must be:**

- o **Absorbent** (typically achieved with appropriate grinding or shot-blasting to open pores)
- o **With an ICRI CSP of about 2, not to exceed 3** (a surface profile of about 0.010 - 0.015 inches),
- o **Without remaining laitance and without any fines or embedded fines from mechanical prep such as grinding**
- o **Free of all contamination including sealer and curing compound residues, salts, oil, etc. AND**
- o **surface and ambient temperature must be 65°-85°F.; humidity <60%; and there must be good air circulation; and these temperature, humidity and air circulation conditions must be maintained throughout the course of the work, and continuing for 2 days after completion.**

**A site test of the coatings system after these conditions are met should be done for user confirmation, per the RJSC Limited Warranty, of visuals, suitability and performance.**

- 2) **If the concrete is newly installed and a curing compound has been used, or if the concrete has been machine steel-troweled (to a burnished finish), SHOT-BLAST, SAND-BLAST and/or DIAMOND GRIND and CLEAN/STRIP WILL BE NEEDED.** a) **Slabs cured with Ashford type formulas** are typically not appropriate for RJSC products; b) **concrete that has been burnished** will not accept penetrating colorants/sealers and therefore **MUST** be shot-blasted or diamond ground or otherwise treated to meet conditions of 1) above and c) **residues of most cure and seal curing compounds** must be removed by machine scrubbing with the proper equipment and chemicals, and/or shot-blasting and/or grinding.

HOWEVER,

**No sweeping compound is to be used after shot blasting...and No chemicals or acids are to be used without prior consultation with RJSC.** [Chemicals containing diLimonene, other citrus cleaners, and acids not properly treated after application, will interfere with performance of the products to be used for coloring and sealing.]

3. If the concrete is not a new pour, and prior adhesives, sealers etc. have already been removed, determine if any chemicals were used for removal and if so, contact RJSC and provide Data Sheets + MSDS'.
4. If the concrete has been shot- sand- or bead-blasted, and the profile is greater than an ICRI CSP of 3, AND/OR if blast-tracks are visible and may be objectionable to end-customer, **DIAMOND GRINDING AFTER BLASTING MAY BE REQUIRED**. This must be done in a manner that all conditions of 1) above are still met.
5. If fill material is to be used/was used for treatment of cracks, expansion joints, etc., you may provide Data Sheets and MSDS to RJSC for a review of compatibility (although confirmation will be up to the user).
6. Final clean. For most concrete, use RJSC StoneClean™ & Strip in a 1:60 dilution in water in an auto-scrubber with aggressive brush and squeegee, and wet-vac to pick up dust and residues prior to application of RJSC O-S/W™ Substrate Conditioner and/or RJSC Epoxies/Urethanes with/without colorants. If prior site usage indicates that oils/greases may be in the concrete, use RJSC StoneClean "104" in a 1:100 dilution in water in auto scrubber as above.

*A 24-36 hour dry time (after cleaning) with ambient temperatures at 65 - 70° F., humidity of less than 60%, and good air circulation is required before application of RJSC Substrate Conditioner and/or primer.*

### **SUBJECT to RJSC MSDS' and LIMITED WARRANTY**

**LIMITED WARRANTY:** The products of Richard James Specialty Chemicals Corporation (RJSC) contain highest quality raw materials and are manufactured under strict conditions of quality control. RJSC cleaners are warranted to conform to manufacturing specifications for a period of one year from initial delivery when stored in conditions greater than 32° F. and below 90° F. RJSC primers, sealers, Colloidal Dyes, primers and sealers with incorporated Colloidal Dyes, and floor finishes are warranted to conform to the manufacturing specifications for a period of six months from initial delivery when stored in conditions greater than 32° F and below 90° F. No warranty or affirmation of fact, express or implied, other than as set forth in this limited warranty is made by RJSC regarding its product(s). This limited warranty only applies to products purchased directly from RJSC. RJSC expressly disclaims all express and/or implied warranties for its product(s) that are not purchased directly from RJSC or are resold to or by third parties.

Due to the possibility of improper application, adverse surface or climactic conditions beyond our control, users of RJSC products shall make their own determinations, based on their own tests, as to the suitability of the product(s) for the intended purposes. RJSC hereby expressly disclaims any liability for claims that are due to product misuse, improper product selection, misapplication of product(s), substrate selection and preparation, environmental conditions and any failure to observe safety precautions. RJSC hereby disclaims any implied warranties of merchantability or fitness for any particular purpose regarding any product.

RJSC shall have no liability for consequential, incidental and/or special damages regarding the sale or use of a product even if the potential for such damages has been disclosed to Richard James Specialty Chemicals Corporation. RJSC's liability for product claims is limited to only replacement, at the option of RJSC or refund of the purchase price of the product applied per most current published directions. RJSC's liability shall not exceed the purchase price paid for the product and shall not include any special incidental or consequential losses or damages resulting from selection, use, installation, handling, care of or replacement of the product(s).