

Stain Resistance

Terrazzo Test Blocks (3 Coats)
1 Hour Covered Spot Test



Water	No Effect
Skydrol Hydraulic Fluid	No Effect
HCL	No Effect
Kerosene	No Effect
Diesel Fuel	No Effect
Gasoline	No Effect
Windshield Washer Fluid	No Effect
Automatic Transmission Fluid	No Effect
50% Ethanol	No Effect
Betadine (povidone-iodine 7.5%).....	No Effect
70% Isopropanol	Slight Softening Full Recovery
10% Ammonia	No Effect
Red Wine Vinegar	No Effect
Beet Juice	No Effect
Coca Cola.....	No Effect
Tomato Juice	No Effect
Beer.....	No Effect
Pickle Juice	No Effect
Mustard	Faint Stain, Full Recovery



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D1525 LT-90000BTRX



Properties*

Type.....	2-K Urethane / Acrylic Hybrid
Form	Opaque Liquid
Odor	Bland
Color	Milky White
Weight Per Gallon	8.60 Lbs. (Part A)
pH	8.65
Floor Solids	22%
V.O.C. (as used)	231 g/l
Hardness (7 day Konig)	130 Secs.
Moisture Resistance	Non-Whitening When Exposed to Water
Slip Resistance	UL-Classified and NFSI-Certified
Coverage	1500-2500 Sq. Ft. Per Gallon

* Properties are typical and subject to usual manufacturing tolerances.

For more information, go to:

<https://www.essind.com/product/t-rx-152cf/>

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TM



COMPLETE
TERRAZZO
SOLUTION

Ultra Durable
IPN Technology

Restores and Protects
Natural Beauty

Eliminates the Need for Stripping

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COMPLETE TERRAZZO SOLUTION

T-Rx is a high performance terrazzo coating designed for high-traffic interior applications. It uses IPN technology to provide unsurpassed mar and scratch resistance, high gloss and excellent stain resistance.

Traditional vs. IPN Technology

The problem with traditional finish or densifier-based diamond pad systems is the rapid appearance of cowpathing. Cowpathing occurs because the polymers in these systems scuff off the floor with foot traffic. The less durable architecture of these products is what allows the coating to degrade through scuffing. If you looked under a microscope, these polymers look like distinct little tangles of urethane and/or acrylic held together by relatively weak hydrogen bonds as in Figure A below. These weaker bonds aren't strong enough to stand up to heavy traffic and the polymers are quickly removed from the surface of the floor to create cowpathing.

T-Rx uses IPN technology, or **Interpenetrating Polymer Networks**, a completely different architecture. In IPNs, long strands of urethane and acrylic polymers are interwoven and then welded together (see Figure B below). The dense "weave-weld" architecture gives the T-Rx polymer tremendous strength and chemical resistance.

Because the polymers in T-Rx are woven and welded together, they are much harder to scuff off the floor, so there's no cowpathing; the coating remains glossy and uniform in its appearance for up to a year or more, depending on traffic. The T-Rx IPN architecture has another major advantage, it's extremely resistant to chemical and water staining. Chemicals simply can't get through the dense weave-weld matrix.

Figure A

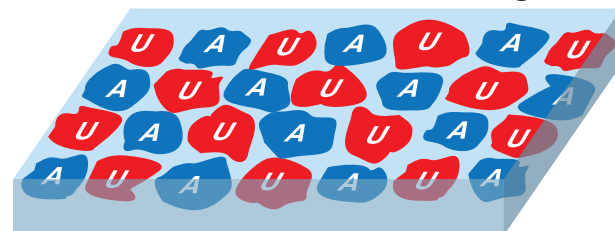
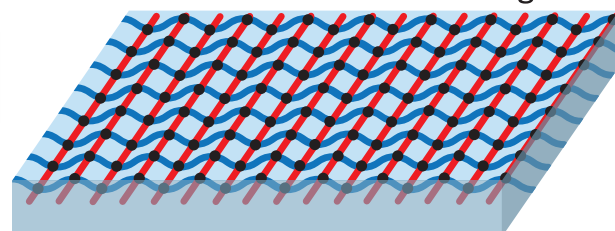


Figure B



Water-Based,
2-Part Urethane/
Acrylic Coating



"I love how good the T-Rx coating looks and has held up through the worst winter we have had in 30 years. All the ice melt tracked in had no effect on the T-Rx. The floor has no scuffs or marks on it. I'm pleased with T-Rx and want to do the rest of our terrazzo floors with it."

Michael Kilpatrick – Facilities Manager
Monon Center – Carmel, IN



- Incredible stain resistance (see back page)
- UV-stable
- Restores terrazzo color
- Extremely resistant to cowpathing, scratching and scuffing, dirt penetration and black heel marks*
- Eliminates the need for stripping
- No densifiers or restorers needed
- Applies like a floor finish

* under normal pedestrian foot traffic

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