

NANO support products



Our extensive testing has shown that using the following products will maximize the life, durability and exceptional gloss of your X-Coat Nano finish.

These high performance products perform exceptionally on their own, but paired with Nano, they deliver a system proven to extend the scrub and recoat cycle and produce a durable, mark-free, high gloss floor that showcases the pride you take in maintaining your facility.



©2024 Essential Industries, Inc.
Merton, Wisconsin 53056
Phone: (262) 538-1122
www.essind.com

E3024 LT-9000BNANO

Innovation is Essential.
www.essind.com

BLUE CONCENTRATE 2085FC Heavy-Duty, No-Rinse Cleaner



- Use on all resilient, sealed wood, synthetic, linoleum, rubber, asphalt, terrazzo, vinyl, granite, hard tile and concrete floors
- Mild pH (9.1 in dilution) – great for cleaning heavily soiled finished floors
- Free-rinsing, non-dulling, and low foam all surface cleaner
- Excellent for neutralizing ice melt and stripper residue and rinsing after deep scrub or rubber/wood prep
- Variable dilution rates from 1-8 ounces per gallon
- Slip-resistant – UL-classified

CITRUS SCRUB 'N SHINE 525FR High Speed Cleaner and Restorer



- Use on all resilient, stone and wood floors that are finished to restore to like-new gloss while raising the slip co-efficient
- Removes embedded soil and repairs scuffs, scratches and dull spots while eliminating powdering
- Slip-resistant – UL-classified

Use As:

- Cleaner and restorer for use through auto scrubbers or as a mop and buff, spray buff, deep scrub cleaner prior to recoating, rubber/wood prep prior to recoating, or stripper at various dilutions

XLERATE™ 2917FX Ultra-Concentrated High Productivity Stripper



- Aggressive dual-solvent formulation easily strips all seals and finishes on the first pass
- Ultra-concentrated 1:19 to 1:30 dilution provides the utmost in economy and convenience and greatly reduces inventory
- Powerful enough to remove multiple layers of highly burnished finishes
- Low odor formulation affords user comfort and eliminates complaints
- Effective in cold to warm water
- Slow evaporation rate for longer dwell time and reduced re-mopping

PRIVATE BRAND
Opportunities

Scan the QR code to find out how you can brand these great products with your name and logo!



X-Coat™ NANO patented nano-zinc technology

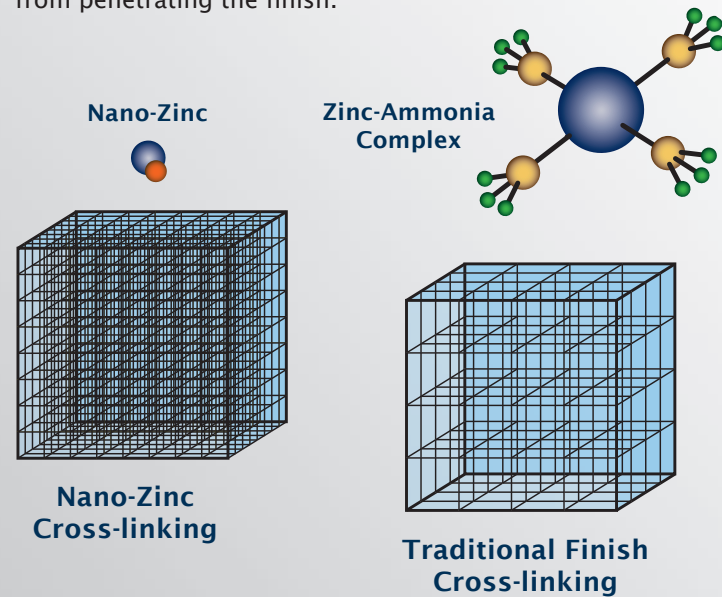
Extreme Performance Coating



As a polymer R&D company, Essential Industries has revolutionized the nano floor finish market with the introduction of its patented X-Coat Nano platform (U.S. Patent No. 8,236,903). X-Coat Nano finishes are truly unique because unlike any other nano floor finish, the nano molecules are chemically bonded to the finish polymer. This provides exceptionally dense cross-linking which blocks out soil and prevents marking while providing a substantial increase in finish durability. And because Essential's nano technology eliminates the need for volatile ammonia, the gloss build and depth of gloss are remarkable and there are no harsh odors.

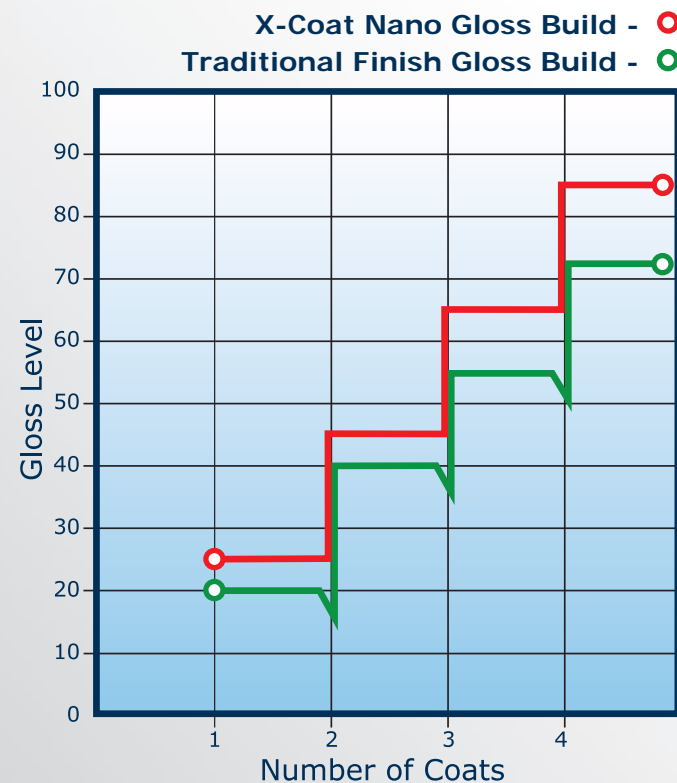
TRADITIONAL FINISH CROSS-LINKING VS. NANO-ZINC CROSS-LINKING

Traditional finishes are cross-linked with a zinc-ammonia complex. X-Coat Nano is cross-linked *without* ammonia and as the word "nano" implies, these molecules are extremely small (see illustrations below). Without the large ammonia molecules in the way, the polymer strands can cross-link very close together providing enhanced durability and blocking black marks and soil particles from penetrating the finish.



TRADITIONAL GLOSS BUILD VS. X-COAT NANO GLOSS BUILD

The ammonia found in traditional finishes acts as a built-in stripper (modern strippers are formulated with "odorless ammonia"), making it critical that each coat is completely dry before applying additional finish. The aggressive nature of ammonia slows gloss build, especially when coats are rushed or drying conditions are poor. Since X-Coat Nano is ammonia-free, it is able to build gloss faster than a traditional floor finish as the chart below shows.



X-Coat Nano is a revolutionary floor finish that combines deep gloss, high durability and ease-of-use into one product. Incorporating Essential's patented nano-zinc cross-linking technology, X-Coat Nano produces a beautiful, long-lasting shine. X-Coat Nano is also available in a high solids formulation for extreme durability and ultra-high gloss.

Essential's Nano is the ultimate floor finish and has made all other products pale in comparison. The dry-time in between coats is second to none; the shine makes you feel as if you are on a skating rink.

Matthew Crawley
Provost Building Services, Inc.
Golden Valley, MN

X-CoatTM patented nano-zinc

NANO technology

and X-Coat Nano HS 88FF and 89FF (HS)

- Incorporates our patented nano-zinc technology for more thorough and denser cross-linking of finish.
- Nano-zinc cross-linking provides superior:
 - Lay-down gloss
 - Mark resistance
 - Gloss build
 - Soil resistance
 - Durability
 - Dry and recoat times
- Ammonia-free for dramatically reduced odor.
- Ideal for limited maintenance programs, yet responds to daily burnishing, if desired.
- Low emissions formula - meets California's 1% VOC regulation.
- Fast-drying - 15-20 minutes under normal conditions.
- Slip-resistant - UL-classified.



www.essind.com