NSP SPECIALTY PRODUCTS

Technical Data Sheet

NSP 152PL Pro Line
Industrial/Commercial Floor Coating

Description: NSP 152PL is a two-component, high performance, self-leveling epoxy floor coating for use in commercial and industrial flooring applications. This 100% solids formulation provides excellent protection for floors exposed to abrasion and chemicals. With proper surface preparation and application, NSP 152PL can be applied over existing coatings provided they are tightly adhered. This economical, moisture tolerant epoxy features high performance fillers that allow for enhanced durability. Effectively restores and protects new and old concrete floors leaving a smooth durable finish that is easy to clean and maintain.

Intended Uses:
New construction or concrete restoration projects
Restaurant Kitchens
Hospitals
Schools
Penal Institutions
Bath and Locker Room Floors
Garage Floors

Product Features:
Moisture Tolerant- 24 hour Full Cure
Offers less downtime than most generic coatings
Glass filled for enhanced toughness
Tenacious adhesion on properly prepared surfaces
Tile like, attractive high gloss finish
Self-leveling, easy application with squeegee and roller
Environmentally sound
Available in a variety of standard colors

Approvals:
Accepted for use by the USDA in Federally Inspected Meat/Poultry Plants
Accepted by the Canadian Food Inspection Agency in Registered Establishments

Physical Data:
Type: Modified Epoxy Resin/Proprietary Blend Amine Hardener
Color: White, Black, Tile Red, Light, Medium and Dark Gray. Safety Colors and other non-standard colors available upon request
Components: Two
Gloss: High
Mixed Ratio: 2 Parts A (Resin): 1 Part B (Hardener) by volume
Volume Solids: 100% - VOC 0 lbs/gal
Pot Life @ 77F/25C: 30 minutes

P.O. Box 4690 Pinehurst, NC 28374 Toll Free: 800-248-8907 or 910-235-0468 Fax: 910-235-3902

NSP SPECIALTY PRODUCTS

Technical Data Sheet

NSP 152PL Pro Line
Industrial/Commercial Floor Coating

Physical Data:

Maximum Recommended Service Temperature: Dry Air 300F/149C
Application Temperatures: 50-90F (10-32C)
Minimum Recoat Time @ 77F/25C: 6 hours
Maximum Recoat Time @ 77F/25C: 48 hours
Minimum Cure Time – Full Service @ 77F/25C: 12 hours
Theoretical Coverage: 1604 sq/ft/gal/mil – Allow for appropriate loss
Minimum Recommended Thickness: 10 mils
Recommended Spread Rate: Dependent upon concrete porosity, service environment and desired aesthetic.
Maximum Thinner: Not recommended
Packaging: Pre-portioned 3 Qt. Kit/ 3 Gal Kit/ 15 Gal Kit

Limitations: This product may not cure properly in temperatures below 50 F (10 C)
All epoxies will show chalking/yellowing on exterior exposures. Application of epoxy coatings in cool temperatures and high humidity can result in the formation of amine blush. Blush may appear as a milky, white, tacky residue on the surface of the cured coating and must be removed before the application of another coat. Intercoat adhesion problems may occur if blush is not removed.

Surface Preparation: Concrete must be properly cured for a minimum of 28 days before application of coating. Surface must be entirely free of oil, grease, dirt, detergent, surface water, laitance, curing compounds, coatings or other contaminants that may interfere with adhesion. The concrete must be abrasive blasted to provide an anchor pattern (similar to 60-80 grit sandpaper min.) for adhesion. Final prepared surface should be clean and rough. Consult SSPC-SP13 – Surface Preparation of Concrete.

Mixing Instructions: This is a two-component system. Prior to mixing, components A Resin and B Hardener should be at room temperature (60-75 F/16-24C). Pour Part B Hardener into Part A Resin. Mix for 3 minutes using a Jiffy mixer head and a mechanical drill. To ensure complete mixing, scrape sides and bottom of container and continue mixing for an additional 1 or 2 minutes. Do not mix more material than can be applied within the pot life. DO NOT HAND MIX. Begin application immediately – no induction time required.

NSP SPECIALTY PRODUCTS

Technical Data Sheet

NSP 152PL Pro Line
Industrial/Commercial Floor Coating

Application: Air and surface temperature should be between 50-90F/10-32C. Do not begin application if air, substrate or material temperature is below 50 F/10C or expected to fall below 50F/10C within 12 hours of application. Do not begin application if dew point is within 5F/3C of the temperature. Variations in temperature can affect pot life properties of this material. NSP-T1 Thinner will not clean hoses or equipment adequately. Clean up using Acetone or other Ketone Solvent. For concrete surfaces, a primer coat of either NSP 100, 101 and 110 is strongly recommended

Method of Application: Brush, Phenolic Core Roller, Airless Spray

Warning & Safety: **FOR INDUSTRIAL USE ONLY – KEEP AWAY FROM CHILDREN**
Refer to Material Safety Data Sheet for NSP 152PL Part A and B supplied with this product prior to application. MSDS may be obtained via web site at www.nsp-specialty.com, fax 910-235-3902 or by calling 800-248-8907. Use only with adequate ventilation and avoid breathing mist or vapors. Prevent contact with skin and eyes with protective clothing/impervious gloves and goggles. Do not take internally. Wash thoroughly after handling.

Disclaimer & Limited Warranty:
The information contained herein is intended to acquaint you with this product and is not intended to be exhaustive. This information is subject to modification from time to time without further notice. No agent, employee or representative of Seller has the authority to bind Seller to any oral affirmation, recommendation or representation of warranty unless contained in a written agreement signed by both Buyer and Seller. Seller expressly disclaims all other warranties, express or implied, including but not limited to any implied warranties of merchantability of fitness for a particular purpose or any other warranties relating to the condition of this product. Furthermore, Buyer acknowledges that it is familiar with and experienced in the use of industrial coating products and expressly assumes all responsibility resulting from or in any way connected with the possession, transportation, handling or use of this product, whether singly or in combination with other products. Sellers liability, with respect to any claim arising out of or relating to Buyer's purchase, possession or use of this product, is expressly limited to, at Seller's option, (i) replacement of the product, or (ii) return of the purchase price with transportation charges incurred by the Buyer, if material is proven defective. Any claim for defective product must be received in writing within one year from the date of shipment. Seller assumes no responsibility for incidental or consequential damages, or for any other damages related to any alleged nonconformity or defect in the product or to its purchase, possession or use.