

# Uniquely Decorative

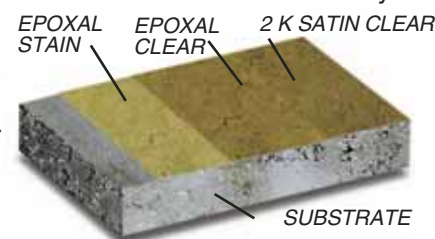
## EPOXAL® STAIN Series 4000

Niagara Protective Coatings Epoxal Stain System transforms an otherwise ordinary concrete slab into a decorative, stylish, durable and unique floor. NPC EPOXAL Stain allows for the creation of a beautiful architectural appearance in both new construction and renovation. Every concrete surface accepts the stain in varying degrees of intensity, bringing personality and character to the substrate. The result is "the look" of expensive flooring...at a fraction of the cost. Multi-colours and saw cuts can be used to further enhance the decor, theme or motif of the installation. The resulting floor is permanent and easy to maintain.

**Description** NPC EPOXAL Stain is available with varying percentages of colour tint to create a translucent stained look that is permanently bonded. The characteristics of the substrate, including cracks and imperfections contribute to a custom and highly decorative effect. The uneven look can appear like natural weathered stone or old patina. The floor will exhibit excellent abrasion resistance and durability.

### Cross section

The thickness range will be 20 - 24 mils. 2K satin top coat for added scuff and scratch resistance.



**Suitable substrates** New or old concrete, polymer flooring materials, plywood, OSB board, or any porous material.

### Many Uses

- Restaurants
- Offices
- Commercial
- Showrooms
- Nightclubs
- Floors
- Retail Stores
- Stadiums
- Residences
- Studios, Lofts
- Public Venues
- Over Polymer
- Schools
- Shopping Malls
- Concrete



Automotive showroom



Condominium residence

## The NPC EPOXAL Stain Advantage

NPC's EPOXAL Stain is a state-of-the-art solventless, 100% solids, 0-VOC system. It is an environment and user friendly product with no corrosive residuals.

Modern concrete technology, with the addition of plasticizers, ad-mixtures and "cure-and-seals", inhibits the use of conventional acid based stain products. Acid based stains do not react with the substrate because chemicals in the concrete impede the "acid etch" bond. NPC's EPOXAL Stain will mechanically bond to any properly prepared substrate. The possibility of delamination is eliminated and maximum protection of the substrate is ensured.

NPC's Epoxal Stain is a dry preparation process. Acid based stains introduce moisture to the concrete which complicates the installation and increases down time. However, NPC's Epoxal can be used to coat an acid stained floor if it is installed to our specifications.

NPC's EPOXAL Stain requires the least amount of maintenance compared to other stain systems. Acid and other concrete stains are usually finished with a low solids, single component thin film acrylic clear coat and multiple wax layers. EPOXAL Stain is finished with a high build, harder wearing clear Epoxal top coat giving the floor a value added wearlayer.

NPC has engineered EPOXAL Stain with many benefits for the customer in mind:

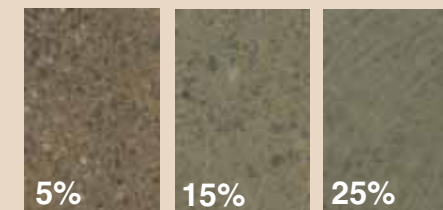
- Easy to Maintain
- Seamless and Monolithic
- Highly Decorative
- Impact and Wear Resistant
- Cost Effective
- Unique Appearance
- Endless Colours
- Chemical & Stain Resistant

### Colours\*

NPC EPOXAL Stain is available in 20 standard colours, and endless custom colours. To add to the uniqueness of our stain system NPC offers varying percentages of colour intensity: (Note stain comparison below). The finished colour will be very dependent on the properties and colour of the substrate being coated. Each of the samples shown are on a diamond ground concrete surface. The resulting colour of the stain is unique to each substrate and results may vary from those pictured here. Colour variations, mottling and unevenness should be expected and usually desired. NPC recommends testing the colour on a small section of your floor.

### Stain Comparison

Comparing concentration of 5%, 15% and 25% of EPOXAL Stain.



Mountain Moss

### Optional Textures

A variety of textures are available for both functional and decorative floor systems. These are important where anti-skid or added wear resistance is required.

### Optional Finishes

A clear satin or gloss finish (2K Acrylic Urethane WB) is available. Excellent for added scuff and scratch resistance.

### Crack Repair

Cracks in the substrate can be left alone or filled. The filled crack will appear as a different shade.



10% Coral Red with filled crack

### Other Uses

EPOXAL Stain is added to the trowel layer of NPC's KROMOQUARTZ® TRZ system resulting in the decorative look of terrazzo. See our EPOXAL Flooring brochure for details.



\*Please note we have attempted to show accurate colour samples. However, printed colour samples are affected by light, age and the printing process. The character of the concrete substrate will also affect the colour of the stain. Therefore the final colour of your floor may vary from the samples shown.

### Decorative Variations

NPC offers a wide variety of decorative techniques using EPOXAL Stain. A few of the possibilities are shown below. The variations are limited only by your imagination.



The look of old patina



Saw cut designs with multi-colour stain



NPC EPOXAL clear over an acid stained floor



Ceramic tile pattern



Mottled two colour with saw cut design



EPOXAL Stain with an incorporated logo



University book store with multi-colour design

### Floor Preparation and Installation are Critical!

The performance of any floor coating system is highly dependent on the preparation of the substrate. Diamond grinding and/or shot blasting is required to prepare a concrete floor to ensure a mechanical bond. NPC has a network of approved applicators, or can supply detailed installation instructions for certain in-house applications.

### Technical Support

NPC supplies technical support and information for all their products including:

- Technical site representation
- Installation and surface preparation instructions
- Technical data sheets, including ASTM testing
- Chemical resistance info.
- Maintenance guidelines
- Approved applicator network
- Training seminars
- Reference list available

Niagara Protective Coatings is a 100% Canadian, owned business. Since 1957, npc has been proudly manufacturing high quality architectural coatings for commercial, industrial and residential use.



### Distinctive Finishes for Distinctive Buildings!

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# EPOXAL<sup>®</sup> Stain Coatings

## DECORATIVE TRANSLUCENT EPOXY COATINGS

- Rustic and Unique
- High Performance
- Low Maintenance
- Seamless
- Protective
- Cost Effective
- V.O.C. Compliant



Top: Kitchen floor with a saw cut tile pattern  
Centre: Cafeteria floor  
Bottom: Food court with saw-cut designs and multi-colour  
Background sample: 10% Golden Spice