

Duro-Nox HS Duro-Nox HSC

HIGH PERFORMANCE

LITHIUM AND POTASSIUM BLENDED
HYBRID SILICATE, LIQUID FLOOR
HARDENER, DENSIFIER AND SEALER.



chemical solutions to concrete problems

HOW THEY WORK

Duro-Nox HS and Duro-Nox HSC penetrate deep into concrete surface pores where they chemically react with calcium hydroxide (lime) to produce water insoluble calcium silicate hydrate gels that fill surface pores to densify, harden and seal treated concrete floor surfaces.

The controlled reactivity and reduced sensitivity of Duro-Nox HS and Duro-Nox HSC to reactions with air make them an excellent choice for application to concrete floors where traditional lithium silicate based products are deemed unacceptable.

HOW THEY DIFFER FROM EACH OTHER

DURO-NOX HS Has up to a 850% increase in abrasion resistance. Achieves maximum performance in one labor saving coat.

DURO-NOX HSC Has up to a 550% increase in abrasion resistance. Provides interim floor protection from stains and minor abrasion from construction traffic when applied to freshly placed concrete after final finishing and is compatible with all Silcoseal Bondbreakers. Achieves comparable performance to Duro-Nox HS when applied in two coats.

BOTH DURO-NOX HS & DURO-NOX HSC

- Does not require rinsing or flushing with water following product application.
- Increases the impact and wear resistance of concrete floors.
- Provides permanent protection to the depth of penetration.
- Reduces the porosity of concrete surfaces to improve the chemical and stain resistance to most organic acids, alkalis, deicing salts, foods, fats, oils and grease.
- Densifies, strengthens, seals and dustproofs soft or dusty concrete floors.
- Improves the adhesion of subsequently applied line stripes, paints and coatings to soft or weak concrete surfaces.
- Overall performance and life far surpasses that of conventional membrane forming acrylic cure and seal type products.
- Breathable and does not contribute to floor sweating.
- Complies with USDA requirements for incidental food contact.
- Increases floor surface light reflectivity, thereby increasing overall interior brightness.
- Surface gloss appearance continues to increase through regular use and with cleaning.
- Because of the chemical reaction when applied to concrete, treated surfaces will never peel or flake.
- Green Engineered™ – better for health and the environment.
- Meets all federal and state VOC requirements.

