



Nu-Deck One Part Concrete Deck Coating

Product Information

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Nu-Deck is a polymer modified Portland cement based decorative coating designed as an economical method to enhance the appearance of any concrete surface. **Nu-Deck** is mixed with water only to produce a tough, durable finish.

BASIC USE

Nu-Deck is be sprayed and knocked down to provide a textured finish.

AREA OF USE

Nu-Deck is used over properly prepared concrete decks, driveways, patios, and sidewalks above or below grade. Concrete must be well cured, dry and dimensionally stable.

LIMITATIONS

Do not apply when the temperature, materials or substrates are below 55°F before and for 48 hours after installation. Do not apply in hot windy or rainy conditions; use sunscreens. Do not use for installations requiring acid and industrial chemical resistance. Do not apply over 1/4-inch thick in one application. Substrate cracks with movement may telegraph through **Nu-Deck** installations.

Packaging

- Color: Available in six preblended colors.
- Texture: Powder consisting of Portland cement, graded sand and mineral fillers, colorfast pigments and powdered latex polymers.
- Packaging: 50 lb. multi-wall bags

Installation

Preparatory Work

All surfaces must be well cured, dry, structurally sound and free of grease, oil, dirt, mildew, dust, wax, curing compounds, paints, sealers, efflorescence and any loose material. Cleaning may be accomplished via mechanical sanding, scraping, chipping or shot blasting. Re-level or patch small areas up to 1/4-inch thick using **Nu-Deck** mixed to a heavy paste consistency, if necessary.

Expansion Joints

Do not fill existing expansion and control joints with Nu-Deck.

Mixing

Pour 4 1/2 quarts of water into a clean pail. Slowly pour in 50 lbs. of **Nu-Deck** powder. Add the powder slowly while stirring to avoid lumps. Faster mixing can be achieved by using a low speed drill and paddle mixer. Mix until lump free, about 3-4 minutes. Let stand for 2-3 minutes; then remix. A universal liquid colorant may be added at this time to color white **Nu-Deck** or if color enhancement is desired. Do not add any other material to this mix. Mix only enough **Nu-Deck** that can be applied within 30 minutes.

Application

Most decks are extremely dry and porous. Therefore, for best results, dampen the deck with water first by rolling, brushing or spraying with clean water. Do not allow standing water. Spray applications can be achieved using airless spray equipment or hopper guns. Spray the deck uniformly and knock down the high spots with a flat masonry trowel to achieve desired textured finish.

Curing

After the **Nu-Deck** has dried a minimum of 2-4 hours depending on temperature, apply **Nu-Deck** color sealer following the instructions.

Cleaning

Water is all that is needed to remove uncured **Nu-Deck**.

Coverage

150 -200 square feet per 50 pound bag.

Note: Coverage will vary depending on smoothness of substrate and texture of finish desired.

Storage Life

One year if kept in dry sealed bag.

Nu-Deck

CAN BE
SPRAYED OR
TROWELED

FINISH TO
TEXTURE
DESIRED

USE OVER
EXISTING
CONCRETE

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Specifications

	Typical Results
Bucket Life @ 72°F	3 hours
Dry Time @ 72°F applied in thin film	2 hours
Compressive Strength	
ASTM C109, 28 Day:	4000 psi
Shore D Hardness 24 hour:	90
Tensile Strength	
ASTM D190, 28 Day:	375 psi
Flexural Strength	
ASTM D190, 28 Day:	775 psi

Safety -- Caution: may cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Contains Portland cement. If any cement or cement mixtures get into the eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.

KEEP OUT OF REACH OF CHILDREN