



CE604 PAVEMENT SEALANT

CONCRETE & ASPHALT

ITEM NUMBER CE604

DESCRIPTION

CE604 Pavement Sealant is a two-component, 100% solids, moisture-insensitive, low viscosity, low modulus, flexible concrete and asphalt crack sealant.

INDUSTRY USES

Use to gravity-fill asphalt and concrete cracks on airport runways, taxiways, and roadways and pavements.

BENEFITS AND FEATURES

- Compatible with CE330 Epoxy Binder for High Friction Surface Treatment (HFST) applications.
- Flexible and durable in all climates
- Made in America
- Moisture Tolerant and outstanding weathering.
- Solvent Free. 100 % solids. No VOCs
- Convenient 1:1 mix ratio by volume
- Chemical resistant against intermittent fuel and oil spills
- Concrete grey or Black

PACKAGING

- 1 gal / 3.8 L units
- 10 gal / 38 L units
- 600 ml cartridge

TECHNICAL DATA

Shelf Life:	2 years year in original unopened container.
Storage Conditions:	40°F – 95°F (5°C – 35°C).
Condition material to:	65°F – 85°F (18°C – 29°C) before using.
Mix Ratio	1:1 by volume
Viscosity	1000-1500 cps
Gel Time (60 g mass)	45 minutes
Tack Free Time (73°F or 23°C)	3 to 5 hours
Tensile Properties (ASTM D638), 7-day cure	
Tensile Strength:	1,200 psi (8.3 MPa)
Tensile Elongation:	75%
Adhesion to Concrete (ACI503r, ASTM C1583)	300 psi (2.07 MPa)
Adhesion to Metal (ASTM D4541)	500 psi (3.45 MPa)
Compressive Properties (ASTM D579), 7-day cure	
Compressive Strength:	3,000 psi (20.7 MPa)
Compressive Modulus (ASTM D695)	80,000 psi (552 MPa)
Shrinkage on Cure (ASTM D2566)	0.001
Thermal Compatibility (ASTM C884)	Pass
Jet Fuel Absorption (ASTM D570)	0.2% (24 hr)
Water Absorption (ASTM D570)	0.2% (24 hr)

APPLICATION

MIXING: Mix only the amount of material that can be used within its pot life. Proportion each component carefully into a clean container. Mix thoroughly for 3 minutes with a Jiffy mixer on low speed (400-600rpm). Scrape the sides and bottom of the container. To prepare an epoxy patching mortar, slowly add 4-5 parts of oven-dried silica sand to 1 part of mixed epoxy by volume. Mix only until all aggregate is wetted out.

TO GRAVITY FEED CRACKS: Pour mixed epoxy into cracks. Repeat until completely filled. Broadcast oven-dry silica sand immediately to provide a rough surface profile for High Friction Surface Treatment using CE330 Epoxy Binder.



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TO PATCH AND GROUT: Prime substrate with neat mixed epoxy if necessary. Place epoxy mortar using trowels before primer becomes tack-free.

LIMITATIONS

Minimum substrate application temperature is 40°F (5°C). Do not thin. Solvents will prevent proper cure.

CLEAN UP

Collect with absorbent material. Flush area with water. Dispose of in accordance with local, state and federal disposal regulations. Uncured material can be removed with CE Natural Clean or other approved solvent. Cured material can only be removed mechanically.

HANDLING PRECAUTIONS

Refer to the Safety Data Sheet for CE604 before using.

LIMITED WARRANTY

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