



CoverSeal PEN50

Penetrating High Performance Water Resistant Clear Sealer

Product Description

CoverSeal PEN50 is a hydrophobic silane siloxane emulsion specifically developed to reduce the ingress of salts and water to, concrete, stucco and masonry substrates. It is also highly resistance to mold and mildew.

Features

- Long term protective repellent layer
- Prevents cracking and spalling
- Water resistant
- Excellent penetration into porous substrates
- Anti-microbial additive (minimizes algae and mold)
- Reduces chloride ion ingress
- Breathable
- Reduces dirt pick up and staining
- Retards efflorescence
- Zero odor (low VOC)
- Easy to apply

Main Use

- Concrete
- Stucco
- Split face Block
- Roofs Tiles
- Brick and Masonry
- Stone and Tile
- Pavers

Test Data

Property	Typical Results
Specific gravity	1.0
Water penetration at 5 bar	Nil
Reduction in water absorption	90%

Wind-Driven Rain Resistance of Concrete treated with CoverSeal P50 Water Repellent Emulsion

Method	Test	Unit	Result
ASTM E514	Wind-driven rain resistance, penetration reduction	%	88.7
ASTM E514	Wind-driven rain resistance, leakage reduction	%	100

Color

Dries Clear. No change of appearance.

Coverage

260ft² per gallon (6.5m²/L) per coat.
Very porous substrates will require a two coat application or higher application rate.

Packaging

55 gallon (208 liter) drums
5 gallon (19 liter) pail
1 gallon (3.8 liter) jugs

Shelf Life

18 months when stored at 77°F (25°C) or less in a dry and shaded area.

Surface Preparation

All surfaces to be treated should be dry, clean and free from any contamination. Existing substrates will require cleaning by pressure wash to remove accumulated dirt and salts. After washing, the surface must be allowed to dry.

Application

CoverSeal PEN50 should be applied in a single coat by flood coating, using a roller or low pressure spray with a 1/4" (5 to 6mm) nozzle. Airless spray can be used using the lowest pressure setting with a 0.017" tip. The coverage rate should be a minimum 260 ft²/gallon (6.5m²/L) but this may increase depending on the porosity of the substrate.

Note: Some substrates may have a slightly darker appearance after treatment. Therefore a trial application is always recommended to determine if any color change will occur.

Limitations

Do not apply at temperatures below 40°F (4°C).
Do not allow to freeze in storage.
Do not discard into the water system.
Do not apply to very low porosity substrates.
Not intended for below grade waterproofing

Health and Safety

Before using this product consult the Safety Data Sheet (SDS). The SDS can be obtained at www.covertecproducts.com

Limited Warranty

This product is warranted to be of good quality and that it complies with the properties shown in its current datasheet. CoverTec will replace or, at our election, refund the purchase price of the product if proven defective when used according to the instructions in the current datasheet. Any suspected defect must be reported to CoverTec in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval.

CoverTec Products LLC. **makes no warranty as to the merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied and explicitly excludes liability for consequential damages, down time, or delay.**