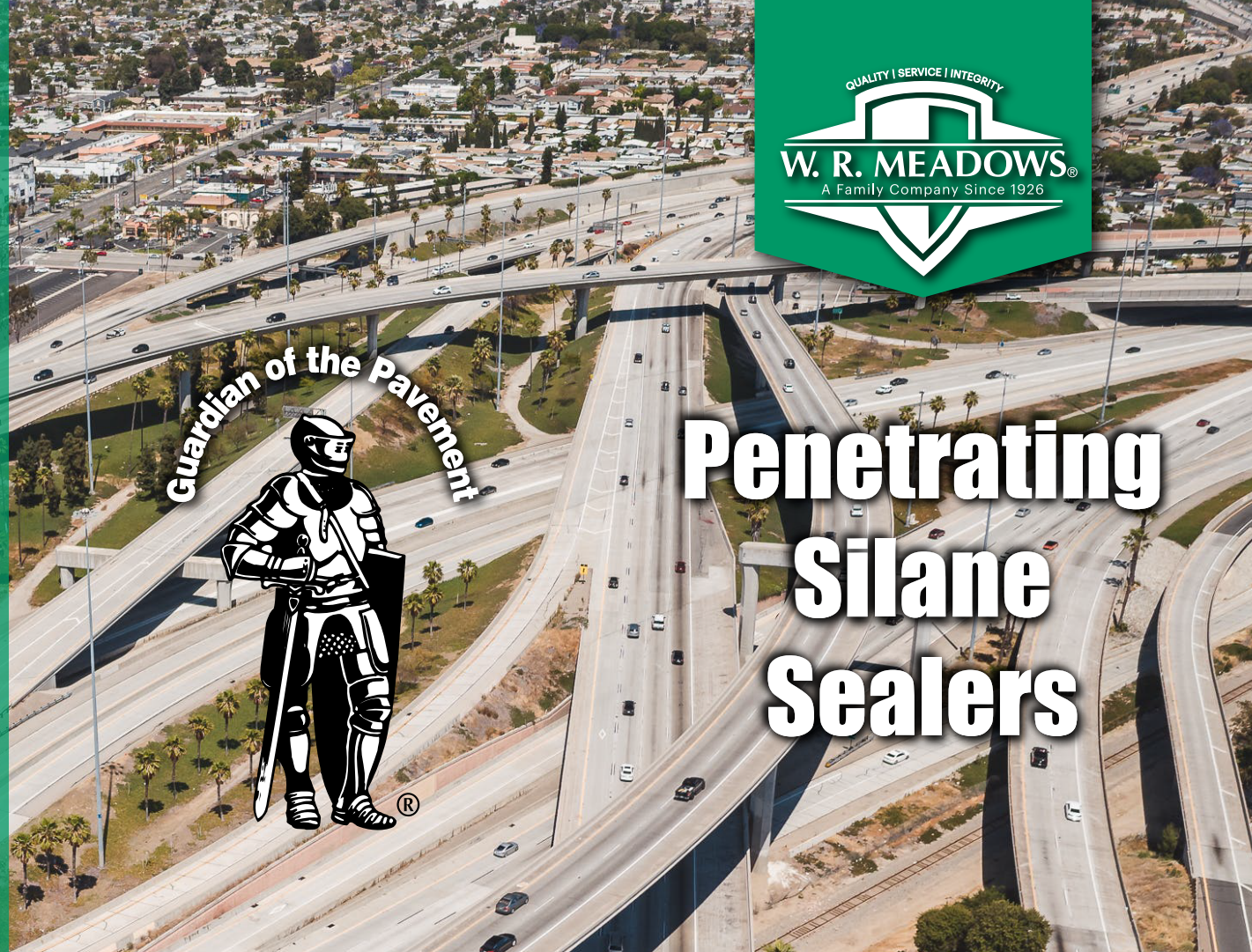


# What is a Penetrating Silane Sealer?



Penetrating silane sealers are impregnating materials that penetrate the concrete and chemically react with the moisture in the substrate to create a hydrophobic (water-repelling) barrier that inhibits water and water-soluble chloride ion penetration in concrete.

Silane penetrating sealers chemically bond to the substrate, helping prevent liquid absorption while allowing excellent vapor transition (allowing the substrate to breathe).



## Penetrating Silane Sealers



## W. R. MEADOWS' PENTREAT™ Series

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## PENTREAT 244-100

PENTREAT 244-100 is a reactive, penetrating, **100% active content silane sealer** that inhibits water and chloride ion penetration in concrete and masonry structures. PENTREAT 244-100 is a hydrophobic, impregnating sealer that helps prevent chloride-induced corrosion of rebar, scaling, spalling, freeze-thaw damage, and other causes of debilitating concrete.

PENTREAT 244-100 is designed for use on horizontal, vertical, overhead, new, and existing concrete and masonry above-grade surfaces.

## PENTREAT 244-40

PENTREAT 244-40 is a reactive, penetrating, **40% active content silane sealer** that reduces water and salt penetration in concrete and masonry structures. PENTREAT 244-40 is a hydrophobic, impregnating sealer that helps prevent scaling, spalling, freeze-thaw damage on properly designed, placed, and cured concrete.

PENTREAT 244-40 is designed for use on horizontal and vertical, new and existing concrete and masonry above-grade surfaces.

## Where can the PENTREAT Series be used?

Suitable PENTREAT applications include DOT projects, median barriers, bridge decks and piers, ramps, traffic barring concrete, marine structures, loading docks, commercial, industrial, and municipal projects. PENTREAT can be used on parking structures, driveways, plazas, stadiums, and residential.

Good concrete and concrete practices must be used as the PENTREAT series will not be effective on improperly designed, placed, or cured concrete.

## PENTREAT 244-40 OTC

Similar to traditional PENTREAT 244-40, PENTREAT 244-40 OTC is a penetrating, **40% active content silane**, hydrophobic, impregnating sealer that inhibits water and chloride ion penetration in concrete and masonry structures. In addition to these features, PENTREAT 244-40 OTC offers a significantly **lower VOC content** that might be more suitable for specific VOC regulations.

**NEW** NOW AVAILABLE:  
**WATER-BASED  
PENTREAT OPTIONS**



## PENTREAT 244-20 W/B

PENTREAT 244-20 W/B is a **water-based**, penetrating water-repellant sealer that offers **20% active silane content** with a water-based carrier.

## PENTREAT 244-40 W/B

PENTREAT 244-40 W/B is a **water-based**, penetrating water-repellant sealer that offers **40% active silane content** with a water-based carrier.

