

# Sound Control

## Sound Shield PNS 40 and PNS 90

An efficient peel and stick, rubberized asphalt base sheet membrane that adheres directly to any sound substrate that is normally acceptable to tile applications. It is used to protect tile installations against potential and severe substrate crack transfers. Sound Shield PNS 40 inhibits the transfer of substrate cracks up to 1/2" and is the best protection when installing natural travertine or soft stone tiles. Sound Shield PNS 90 inhibits the transfer of substrate cracks up to 3/8" and is the best protection when installing natural travertine or soft stone tiles.

## 808 SC

Is a thin set with a superior grade polymer modified portland cement quick-setting, flexible thin set mortar for installing ceramic tile and natural stone over sound control membranes like Merkrete Sound Shield PNS 40 or 90, waterproof and crack isolation membranes as well as any other non-absorptive surfaces.



[www.merkrete.com](http://www.merkrete.com)

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### Facilities

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Colorado Springs, CO  
Haines City, FL  
Duluth, GA  
Redan, GA  
Albuquerque, NM  
Allentown, PA  
San Antonio, TX



# Surface Preparation

Merkrete's underlayment products are specifically designed to prepare and repair surfaces so that they provide an acceptable foundation for the installation of tile and stone or other floor coverings.

## Pro Patch

A quick-setting polymer modified portland cement based skim coating compound suitable for coating unfinished, or rough concrete. Ideal for filling voids, holes and cracks in plywood and concrete substrates, Pro Patch is specifically formulated to smooth and finish substrates prior to the installation of resilient flooring, carpet, ceramic and stone tiles.



## Underlay C

Developed to provide a solid foundation substrate for the installation of vinyl, resilient tile, carpet, ceramic and stone tile. Also appropriate for the repair of concrete surfaces, Underlay C is ideal for achieving a slope base foundation for any floor requiring a slope for drainage purposes.



## Underlay RS

A rapid-setting, troweled polymer modified underlayment designed to provide a suitable surface for floor coverings such as vinyl, resilient tile, carpet, ceramic and stone tile. Ideal for achieving a slope base foundation for any floor requiring a slope, Underlay RS includes antimicrobials to inhibit the growth of mold and mildew.



# Surface Preparation

## Underlay Self Leveling with Primer

A self-leveling underlayment designed for rapid leveling of interior substrates coated with Underlay SLU Primer. A high durability, portland cement based, pourable, pumpable, free-flowing underlayment, Underlay SLU is acceptable for the installation of all floor coverings, and is ideal for new construction or remodeling of either residential or commercial applications.



## Underlay Self Leveling Gold

A premium fast setting, high compression strength, pourable, pumpable and free flowing underlayment for leveling of interior floor substrates. Underlay SLU GOLD is formulated to be smooth and level substrates with excellent durability, and is acceptable for the installation of all floor coverings, and specially for leveler for large format tile installations. SLU GOLD is ideal for new construction and remodeling projects, in both residential and commercial applications.



## SLU Primer

Self Leveling Primer is an uniquely formulated emulsion that must be applied to all substrates prior to the application of Underlayment Self Leveling.



## 626 Primer

626 Primer is a thin section two-component primer; composed of a modified elastomeric copolymer and cementitious filler powder. 626 Primer provides a water resistant bond coat primer that adheres to most difficult to bond substrates. The primer is trowel applied and can be installed on practically any form or irregular shape.



# Surface Preparation

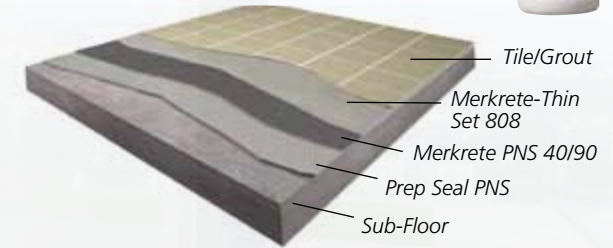
## Prep Seal Primer

Prep Seal is a water-based bonding agent formulated to increase bonds between liquid membrane layers. Prep Seal bonding agent provides a water resistant bond coat that assists in adhering Merkrete liquid membrane coats and thin sets. The bonding agent is brush, roller or trowel applied and can be installed on practically any form or irregular shape.



## Prep Seal PNS Primer

Prep Seal PNS is a water-based latex primer that is applied to concrete substrates prior to the application of Merkrete Peel-N-Stick membranes.



PNS TECHNICAL DATA		
Total thickness	<b>40 mil</b>	<b>90 mil</b>
Fabric thickness	6 mil	6 mil
Elongation: ASTM D882	350% min	350% min
Tensile MD: ASTM D1682	1270 psi	1270 psi
Pliability: ASTM D146	Pass-25	Pass-25
Adhesion to plywood: ASTM D1790	8 lb/in	8 lb/in
Adhesion to primed concrete: ASTM D903	10 lb/in	10 lb/in
Impact insulation: ASTM E989-89	<b>54</b>	<b>68</b>
Sound Transmission: ASTM E492-90	<b>64</b>	<b>72</b>
Robinson test: ASTM C627	Heavy-duty	Heavy-Duty

