

Pecora Silicone Construction Sealants Adhesion and Primer Guidelines ¹ Technical Bulletin PEC 109

<u>Substrates</u>	<u>Pecora Sealant => Prep</u>	<u>890NST/890FTS Primer</u>	<u>864NST Primer</u>	<u>895NST Primer</u>	<u>896 Primer</u>	<u>985 Primer</u>
Concrete & Masonry						
Concrete Block	Abrade ²	P-225/P-53/Test	P-225/P-53/Test	P-225/P-53/Test	P-225/P-53/Test	Test
Poured Concrete	Abrade	P-225/P-53	P-225/P-53	P-225/P-53	P-225/P-53	P-225/P-53/Test
Mortar	Abrade	P-225/P-53/P-150/Test	P-225/P-53/P-150/Test	P-225/P-53/P-150/Test	P-225/P-53/P-150/Test	Test
Brick	Abrade	P-150	P-150	P-150	P-150	Test
Precast Concrete	Abrade	P-225/P-53/Test	P-225/P-53/Test	P-225/P-53/Test	P-225/P-53/Test	P-225/P-53/Test
Tilt-up Concrete	Abrade	P-225/P-53	P-225/P-53	P-225/P-53	P-225/P-53	P-225/P-53/Test
Grout	Abrade	P-150/Test	P-150/Test	P-150/Test	P-150/Test	Test
Natural Stone ³						
Limestone	Abrade/Solvent Wipe	P-150/P-120	P-120/P-150	P-120/P-150	P-120/P-150	Test
Granite	Abrade/Solvent Wipe	NPR	NPR	NPR	NPR	Test
Marble	Abrade/Solvent Wipe	P-150/TEST	P-150/TEST	P-150/TEST	P-150/TEST	Test
Sandstone	Abrade/Solvent Wipe	NPR/P-150	NPR/P-150	NPR/P-150	NPR/P-150	Test
Metals						
Anodized Aluminum	Solvent Wipe ⁴	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120
Lead	Solvent Wipe	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120
Copper	Abrade/Solvent Wipe	NPR/P-120	NPR	NPR/P-120	NPR/P-120	NPR/P-120
Brass	Abrade/Solvent Wipe	NPR/P-120	NPR	NPR/P-120	NPR/P-120	NPR/P-120
Galvanized Steel	Solvent Wipe	TEST	P-100	NPR/P-120	NPR/P-120	NPR/P-120
Mill Finish Aluminum	Abrade/Solvent Wipe	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120
Stainless Steel	Solvent Wipe	P-120	P-120	P-120	P-120	P-120
Flouropolymers						
Kynar	Solvent Wipe	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120
Duranar	Solvent Wipe	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120
Duranar XL	Solvent Wipe	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120
Flouropon	Solvent Wipe	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120	NPR/P-120
Glass						
Float Glass	Solvent Wipe	NPR	NPR	NPR	NPR	NPR
Plate	Solvent Wipe	NPR	NPR	NPR	NPR	NPR
Tinted	Solvent Wipe	NPR	NPR	NPR	NPR	NPR
Reflective	Solvent Wipe	NPR	NPR	NPR	NPR	NPR
Low (E) High (T) Glass	Solvent Wipe	NPR	NPR	NPR	NPR	NPR
Vitrified Surfaces	Solvent Wipe	NPR	NPR	NPR	NPR	NPR
Plastics						
Acrylic Sheet/Lexan	Solvent Wipe	P-100	P-100	P-100	P-100	Test
Epoxy Aggregate	Solvent Wipe	P-120	P-120	P-120	NPR	Test
Polycarbonate	Solvent Wipe	NPR	NPR	NPR	NPR	NPR
Vinyl	Solvent Wipe	P-120	P-120	P-120	NPR	Test
Polyester/Fiberglass	Solvent Wipe	NPR/P-120	NPR/P-120	NPR/P-120	NPR	Test
PVC	Solvent Wipe	P-120	P-120	P-120	NPR	Test
Coatings						
Acrylic Latex	Solvent Wipe	P-120/TEST	P-120/TEST	P-120/TEST	P-120/TEST	Test
Polyurethane	Solvent Wipe	P-120/TEST	P-120/TEST	P-120/TEST	P-120/TEST	Test
Silicone Alkyd	Solvent Wipe	P-120/TEST	P-120/TEST	P-120/TEST	P-120/TEST	Test
Silicone Acrylic	Solvent Wipe	P-120/TEST	P-120/TEST	P-120/TEST	P-120/TEST	Test
Duracron	Solvent Wipe	P-120/TEST	P-120/TEST	P-120/TEST	P-120/TEST	Test
Wood						
Unfinished ⁵	Solvent Wipe	NPR	NPR	NPR	NPR	Test
Finished	Solvent Wipe	Test	Test	Test	Test	Test
EIFS						
Major Manufacturers ⁶	None	P-75/Test	P-150/Test	----	----	----

Legend

NPR:	No Primer Required.
NPR/Primer:	Generally no primer is required. Primer indicated will ensure adhesion.
TEST:	Field or laboratory testing is recommended.
Primer/TEST:	Primer indicated generally achieves adhesion but should be tested for conclusive results.
Primer/Primer	1 st choice / 2 nd choice / 3 rd choice, etc.

¹ All adhesion testing performed on dry substrates after seven days room temperature curing and after an additional seven days water immersion.

² Abrading refers to any mechanical means of renewing masonry surfaces such as wire brushing, grinding, or sand blasting. After abrading procedure any residual dust must be removed.

³ Due to inconsistent composition and porosity of natural stones, stain testing is required.

⁴ PECORA generally recommends the use of isopropyl alcohol as a surface preparation solvent. Attention must be paid to substrate/ solvent compatibility. All cleaning solvents should be used according to manufacturer recommendations and safety procedures.

⁵ Dry, non-oily wood

⁶ Sealant applications to base coat only.