

Product Information



Substrate Primer Selection Table

The following table provides recommendations for priming of properly prepared substrates, and should be used as a guideline when specifying Kemperol primer. Kemperol primers are used to improve the adhesion of Kemperol membranes to substrate surfaces. The primer application rate will vary and should be adjusted depending on the substrate absorbency. See individual Kemper System, Inc. product data sheets, material safety data sheets, guide specifications and details for complete information regarding the suitability, application and handling of Kemper System, Inc. primers.

Note: All substrates must be prepared as necessary prior the application of primers. Surface must be free from gross irregularities, loose, unsound or foreign materials such as dirt, ice, snow, water, grease, oil, release agents, lacquers, or any other condition that would be detrimental to adhesion of the primer and substrate.

Substrate Preparation For Priming	D/R Primers	EP/EP5 Primers	BSF-R Primer	AC Primer
Cementitious and Masonry Substrates				
Structural Concrete, Lightweight Structural Concrete <i>Scarify, shot blast, grind to remove laitance and open up pores</i>	N	Y	N	Y
Granite, Marble <i>Scarify, shot blast, grind to remove polished surface and open up pores</i>	N	Y	N	Y
Sandstone, Limestone, Synthetic Stone <i>Scarify, shot blast, grind to open up pores</i>	N	Y	N	Y
Porous/Air-Entrained Concrete, Concrete Masonry Block <i>Scarify, shot blast, grind to open up pores</i>	N	Y	N	Y
Repair and Leveling Mortars <i>Scarify, shot blast, grind to open up pores</i>	N	Y	N	Y
Clay Brick, Terra Cotta, Tile <i>Scarify, shot blast, grind to remove glazed surface and open up pores</i>	N	Y	N	Y
Metal Substrates				
Bare Aluminum, Lead, Copper, Zinc <i>Grind to remove corrosion, then MEK/Acetone Wipe</i>	Y	T	N	T
Patina Copper <i>MEK/Acetone Wipe</i>	Y	T	N	T
De-Rusted Steel, Galvanized Steel <i>Grind to remove corrosion, then MEK/Acetone Wipe</i>	Y	T	N	T
Black Pipe, Cast Iron <i>Grind to remove corrosion and coating, then MEK/Acetone Wipe</i>	Y	T	N	T
Stainless Steel <i>Grind to open up pores, then MEK/Acetone Wipe</i>	Y	T	N	T
Kynar Finish, Ceramic Coated, and Painted Metal <i>Grind to remove coating, then MEK/Acetone Wipe</i>	Y	T	N	T
Wood Substrates				
Plywood, Oriented Strandboard <i>Exterior grade only</i>	Y	T	N	T
Wood Plank <i>Requires insulation, cover board, or cap sheet</i>	Y	T	N	T
Dimensional Lumber <i>Direct application for flashings only</i>	Y	T	N	T

Glass and Plastic Substrates	D/R Primers	EP/EP5 Primers	BSF-R Primer	AC Primer
Glass <i>Sand to roughen surface, then MEK/Acetone Wipe</i>	Y	Y	N	N
Acrylic <i>Sand to roughen surface, then Dry Wipe</i>	T	T	N	N
Fiberglass <i>Sand to roughen surface, then MEK/Acetone Wipe</i>	Y	Y	N	N
PVC - Rigid <i>Sand to roughen surface, then MEK/Acetone Wipe</i>	Y	N	N	N
Existing Bituminous Roofing				
Modified Bitumen Roofing - Smooth APP Surfaced <i>Power wash to remove contaminants</i>	N	T	T	N
Modified Bitumen Roofing - Smooth SBS Surfaced <i>Power wash to remove contaminants</i>	N	T	T	N
Bituminous Roofing - Aluminum Coated <i>Power wash to remove contaminants and loose coating</i>	T	T	T	N
Bituminous Roofing - Granular Surfaced <i>Power wash to remove contaminants and loose granules</i>	Y (O)	Y (O)	Y (O)	N
Bituminous Roofing - Flood Coat and Aggregate <i>Requires insulation or cover board</i>	N	N	N	N
Coal Tar Pitch Roofing - Flood Coat and Aggregate <i>Requires insulation or cover board</i>	N	N	N	N
Hot-Melt Bituminous Waterproofing <i>Requires application of compatible mineral-surfaced cap sheet</i>	N	N	N	N
Ethylene-Faced Bituminous (Bituthane) Roofing <i>Requires torch-application of compatible mineral-surfaced cap sheet</i>	N	N	N	N
Existing Membrane Roofing				
PVC Single-Ply Roofing (weathered) <i>Power wash to remove contaminants, then MEK/Acetone Wipe</i>	T	N	N	N
EPDM Single-Ply Roofing (weathered) <i>EPDM Manufacturer's splice cleaner and splice adhesive</i>	T	N	N	N
TPO Single-Ply Roofing (weathered) <i>TPO Manufacturer's splice cleaner and splice adhesive</i>	T	N	N	N
Hypalon Single-Ply Roofing (weathered) <i>Hypalon Manufacturer's splice cleaner and splice adhesive</i>	T	N	N	N
Insulation and Cover Boards				
Isocyanurate Foam Insulation - Coated Glass Facer, non-perforated	T	N	Y	N
Isocyanurate Foam Insulation - Foil Facer <i>Requires cover board or cap sheet</i>	N	N	N	N
Isocyanurate Foam Insulation - Standard Felt Facer <i>Requires cover board or cap sheet</i>	N	N	N	N
EPS/XEPS Foam Insulation <i>Requires cover board or cap sheet</i>	N	N	N	N
Asphaltic Hard Board (Sopraboard)	N	Y	N	N
Cement Board (Durock, PermaBase)	N	Y	N	N
Silicone Treated Gypsum Board - Fiberglass-faced (Dens-Deck, Dens-Glass) <i>Not acceptable over existing roofing or direct to concrete</i>	Y	N	N	N
Silicone Treated Gypsum Board - Unfaced (SecureRock) <i>Not acceptable over existing roofing or direct to concrete</i>	N	Y	N	N

Y - Recommended

T - Adhesion Test Required

N - Not Recommended

O - Optional with 2K-PUR for Most Applications

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