

ALT Priming Guidelines



Technical Data Sheet

ALT primers are a pretreatment used to promote and improve adhesion of ALT membranes to certain substrates. The following table provides recommendations regarding preparation and priming of various common substrates. All substrates must be prepared as necessary prior the application of primers. Surfaces must be free from gross irregularities, loose, unsound or foreign material such as dirt, ice, snow, water, grease, oil, release agents, lacquers, or any other condition that would compromise the primers adhesion to the substrate. Refer ALT "Substrate Preparation Guidelines" for additional information and requirements.

Substrate Preparation & Priming Recommendations

Substrate	Prep Notes	Primer 222	Primer 276	Primer 298	Primer 509	Primer POX 100	ALT Metal Primer
Asphalt , Asphalt Bitumen	1	✓	✗	✓	✗	✗	✗
Roofing Felt (all)	2	✓	✗	✓	✗	✗	✗
SBS Modified Bitumen	2	✓	✗	✓	✗	✗	✗
APP Modified Bitumen	3	✓	✗	✓	✗	✗	✗
Concrete, Masonry, Brick	1	✗	✓	✓	✗	✗	✗
Steel	4	✗	✗	✗	✗	✗	✓
Galvanized Steel	4	✗	✗	✗	✗	✗	✓
Stainless Steel	4	✗	✗	✗	✗	✗	✓
Aluminum	4	✗	✗	✗	✗	✗	✓
Copper	4	✗	✗	✗	✗	✗	✓
Zinc	4	✗	✗	✗	✗	✗	✓
Lead	4	✗	✗	✗	✗	✗	✓
Glass	6	✗	✗	✗	✓	✗	✓
Wood	2	✗	✓	✗	✗	✗	✗
Plastics(membranes, coatings & extrusions)							
CPE, EPDM, TPO	4	✗	✗	✗	✓	✗	✗
EVA	2	✓	✗	✓	✗	✗	✗
PIB	2	✓	✗	✓	✗	✗	✗
PVC (rigid or plasticized sheet)	4,7	✓	✗	✓	✗	✗	✗
PU (polyurethane)	5,7	✓	✗	✓	✗	✗	✗
PMMA (acrylic)	5,7	✓	✗	✓	✗	✗	✗
UP (polyester)	5,7	✓	✗	✓	✗	✗	✗
GRP (glass reinforced plastic)	4,7	✓	✓	✓	✗	✗	✗

Preparation Notes:

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| 1 Scarify, grind or lightly bead blast | 4 Abrade metals and hard plastics, thoroughly wipe with ALT Activator |
| 2 Clean | 5 Lightly sand and perform adhesion test |
| 3 Aggregate surfacing required on smooth surface APP. Liquefy surface by application of heat, and immediately top with quartz aggregate. | 6 Thoroughly wipe with ALT Activator |
| | 7 Contact ALT to confirm primer requirements |

For other substrates, consult ALT Technical Department for required preparation methods and priming. The primer application rate will vary and should be adjusted depending on the substrate absorbency. See individual ALT product data sheets, MSDS sheets, guide specifications and details for complete information regarding the suitability, application and handling of ALT primers and resins.

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