

ALT Priming Guidelines



Technical Data Sheet

Substrate Preparation & Priming Recommendations

Substrate	Prep Notes	110	122	222	276	298	509	POX 100	Metal
Asphalt , Asphalt Bitumen	1	✓	✗	✓	✗	✓	✗	✗	✗
Roofing Felt (all)	2	✓	✗	✓	✗	✓	✗	✗	✗
SBS Modified Bitumen	2	✓	✗	✓	✗	✓	✗	✗	✗
APP Modified Bitumen (granulated)	2	✓	✗	✓	✗	✓	✗	✗	✗
APP Modified Bitumen (smooth)	3	✓	✗	✓	✗	✓	✓	✗	✗
Concrete, Masonry, Brick, Cement Board	1	✓	✓	✓	✓	✓	✗	✗	✗
Steel	4	✗	✗	✗	✗	✗	✗	✗	✓
Galvanized Steel	4,7,8	✗	✗	✗	✗	✗	✗	✗	✓
Stainless Steel	4	✗	✗	✗	✗	✗	✗	✗	✓
Aluminum	4	✗	✗	✗	✗	✗	✗	✗	✓
Copper	4	✗	✗	✗	✗	✗	✗	✗	✓
Zinc	4,7,8	✗	✗	✗	✗	✗	✗	✗	✓
Lead	4	✗	✗	✗	✗	✗	✗	✗	✓
Glass	6,7	✓	✗	✓	✗	✗	✓	✗	✓
Wood, Plywood	2	✓	✓	✓	✓	✓	✗	✗	✗
Polyiso Insulation (black organic facer)	2	✓*	✗	✓*	✗	✓	✗	✗	✗
Polyiso Insulation (coated glass facer)	2	✗	✗	✗	✗	✗	✓	✗	✗
Securock Gypsum Board	2	✓*	✗	✓*	✗	✓	✗	✗	✗
Securock Cement Board, Hardibacker	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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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| * Preferred primer for this application | 5 Lightly sand and perform adhesion test |
| 1 Scarify, grind or lightly bead blast | 6 Thoroughly wipe with ALT Activator |
| 2 Clean & dry | 7 Contact ALT to confirm primer requirements |
| 3 Aggregate surfacing required on smooth surface APP with ALT Primer 222 or 298. Liquefy surface by application of heat, and immediately top with quartz aggregate. | 8 Passivator must be completely removed by mechanical abrasion. Apply coat of copper sulfate solution to the prepared galvanized metal surface to assure removal of passivator. Properly prepared surface will turn black indicating the passivator has been removed. |
| 4 Abrade metals and hard plastics, thoroughly wipe with ALT Activator | |

ALT primers are a pretreatment used to promote and improve adhesion of ALT membranes to certain substrates. The above 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. All traffic bearing systems require use of ALT Primer 276, 276K or as otherwise recommended by ALT Technical Department. Refer ALT "Substrate Preparation Guidelines" for additional information and requirements. For substrates not listed above 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, SDS sheets, guide specifications and details for complete information regarding the suitability, application and handling of ALT primers and resins.

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