

ALT System Selection Guide



Technical Data Sheet

The following guide is provided to assist in selecting an appropriate ALT Global, LLC (ALT) system for specific applications. Refer to the relevant sections of ALT brochures, literature or specifications regarding detailed qualifications or restrictions of individual ALT products or systems.

ALT Roofing & Waterproofing Systems

Application	R230	R260	R230 Thixo	R295 Matrix	R354 ⁽¹⁾
Insulated/Warm	✓	✓	✗	✗	✗
Inverted/Cold (IRMA & PRMA)	✓	✓	✗	✗	✗
Green Roof	✓	✓	✗	✗	✗
Direct to Deck	✓	✓	✗	✗	✗
Built-up Roof Recover	✓	✓	✗	✗	✗
Single-Ply Roof Recover	✓	✓	✗	✗	✗
Cementitious Overburden	✓	✓	✗	✗	✓
Asphalt Overburden	✓	✓	✗	✗	✓
GRP/Metal Roofing Repair	✓	✓	✓	✗	✗
Planter boxes	✓	✓	✓	✗	✗
Flashings & Repairs	✓	✓	✓	✓	✓

Optional finishes for ALT roofing & waterproofing systems:
 -Broadcast aggregate
 -ALT Finish 288 (color pigmented topcoat)
 -ALT Finish 220 (clear topcoat for colored aggregate)
 -No finish required for system warranty.

Note:
 (1) Reinforced membrane application only.

ALT Pedestrian Traffic Systems (plaza, balcony, terrace, walkway, flooring)

Application	R230/RS233	R260/RS233	R354/RS527	R359/R268	R354/R359/RS527	R210
Over Occupied Spaces	✓	✓	✓(1)	✗	✗	✗
Over Open Decks	✓	✓	✓	✓	✓	✗
Interior Flooring	✓	✓	✓(2)	✓(3)	✓(3)	✓(3)
Concrete Protection	✓	✓	✓	✓	✓	✓

Surfacing Options:
 1-Light Duty: acrylic chips (1-year warranty)
 2-Standard Duty: 0.4 - 0.8mm quartz aggregate (5-year warranty)
 3-General Duty: 0.7 - 1.2mm quartz aggregate (10-year warranty)
 4-Extra Duty: ALT R268 Textured Coating (12-year warranty)

Note:
 (1) Reinforced membrane application only.
 (2) Reinforced membrane required over occupied spaces.
 (3) Unreinforced membrane applications at grade level only.

ALT Vehicular Traffic Systems (parking decks, ramps & heavy traffic areas)

Application	R230/RS233	R354/RS527	R359/R268	R354/R359/RS527	RS233	RS527
Over Occupied Spaces	✓	✓(1)	✗	✗	✗	✗
Over Open Decks	✓	✓	✓	✓	✓	✓

Surfacing Options:
 Main Deck: 0.7 - 1.2mm quartz aggregate
 Ramp/Turning Radii: ALT R268 Textured Coating

Note:
 (1) Reinforced membrane application only.