



# POLYGLASS PRODUCT SELECTOR

Waterproofing, air barriers and polyurea stocked at Altitude Construction Supply



| Product                                                                             | Where it goes                                                                        | Thickness                                | Coverage                                      | Install temp.                 | Primer                                               | Key properties                                                            |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-------------------------------|------------------------------------------------------|---------------------------------------------------------------------------|
| <b>BELOW-GRADE WATERPROOFING: PRE-APPLIED (BLINDSIDE AND UNDERSLAB)</b>             |                                                                                      |                                          |                                               |                               |                                                      |                                                                           |
| <b>Mapeproof AL PRO</b><br>Pre-applied HDPE sheet, fully bonded to poured concrete  | Underslab; vertical blindside                                                        | 46 mils                                  | 394 sq ft per roll; 3" laps                   | 25°F and above                | None                                                 | Hydrostatic head 231 ft; <0.01 perms                                      |
| <b>Mapeproof HW</b><br>Sodium bentonite between geotextiles                         | Underslab; blindside; backfilled walls (below grade only)                            | 1/4 in.                                  | 59.2 sq ft per roll; 4" laps                  | Not stated                    | None                                                 | Hydrostatic head 231 ft; hydraulic conductivity 2 x 10 <sup>-9</sup> cm/s |
| <b>BELOW-GRADE WATERPROOFING: POST-APPLIED</b>                                      |                                                                                      |                                          |                                               |                               |                                                      |                                                                           |
| <b>Mapethene LT60</b><br>Self-adhered rubberized asphalt / HDPE sheet, cold weather | Foundation walls; decks; tunnels; balconies                                          | 60 mils                                  | 200 sq ft per roll; 2.5" laps                 | 25°F to 60°F                  | S710 or 720 W                                        | Elongation 300%; <0.02 perms                                              |
| <b>Mapethene HT60</b><br>Self-adhered rubberized asphalt / HDPE sheet, warm weather | Foundation walls; decks; tunnels; balconies                                          | 60 mils                                  | 200 sq ft per roll; 2.5" laps                 | Above 40°F                    | S710 or 720 W                                        | Elongation 300%; <0.02 perms                                              |
| <b>Mapeseal GC</b><br>100% solids, single-component fluid-applied membrane          | Foundation walls, plaza and parking decks, balconies, planters; green concrete OK    | 60 mils single coat; 120 mils reinforced | 26.7 sq ft/gal at 60 mils                     | 40°F min.                     | Not required                                         | Elongation 210%; VOC 44 g/L                                               |
| <b>AIR AND VAPOR BARRIERS (ABOVE-GRADE WALLS)</b>                                   |                                                                                      |                                          |                                               |                               |                                                      |                                                                           |
| <b>Vertiwrap VPS</b><br>Self-adhered sheet, vapor permeable                         | Above-grade walls                                                                    | 22 mils                                  | 400 sq ft per roll; 2" laps                   | 25°F and rising               | None on glass-mat; S710 on concrete/CMU              | >14 perms; air leakage <0.02 L/s·m <sup>2</sup>                           |
| <b>Vertiwrap NPS</b><br>Self-adhered sheet, vapor impermeable                       | Above-grade walls; transitions; openings                                             | 12 mils                                  | 225 sq ft per roll; 2" laps                   | 25°F and rising               | None on glass-mat/ply wood/OSB; S710 on concrete/CMU | <0.1 perms; air leakage <0.02 L/s·m <sup>2</sup>                          |
| <b>Vertiwrap VPL</b><br>Fluid-applied, vapor permeable                              | Above-grade walls                                                                    | 50 wet / 25 dry mils                     | 32 sq ft/gal                                  | 40°F and rising               | Primerless                                           | 17 perms; elongation >250%                                                |
| <b>Vertiwrap VPL 200</b><br>Fluid-applied STPE, vapor permeable, low temperature    | Above-grade walls; cavity walls                                                      | 20 wet / 18 dry mils                     | 80 sq ft/gal                                  | 0°F to 100°F                  | Primerless                                           | >10 perms; elongation 400%                                                |
| <b>Vertiwrap NPL</b><br>Fluid-applied, vapor impermeable                            | Above-grade walls                                                                    | 50 wet / 25 dry mils                     | 32 sq ft/gal                                  | 40°F and rising               | Primerless                                           | 0.06 perms; elongation >250%                                              |
| <b>Vertiwrap NPL LT</b><br>Fluid-applied, vapor impermeable, low temperature        | Above-grade walls in cold weather                                                    | 50 wet / 25 dry mils                     | 32 sq ft/gal                                  | 20°F and rising               | Primerless                                           | 0.06 perms                                                                |
| <b>HOT-APPLIED RUBBERIZED ASPHALT</b>                                               |                                                                                      |                                          |                                               |                               |                                                      |                                                                           |
| <b>Polyglass HRA</b><br>100% solids hot-applied rubberized asphalt, seamless        | Plaza, amenity and blue-roof decks; PRMA and green roofs; tunnels; below-grade walls | 215 mils (90 + fabric + 125)             | 1.33 lb/sq ft at 215 mils                     | Down to 0°F ambient           | PG 100 on concrete                                   | Low-temperature flex pass at -13°F; UL Classified                         |
| <b>POLYUREA WATERPROOFING AND TRAFFIC MEMBRANES</b>                                 |                                                                                      |                                          |                                               |                               |                                                      |                                                                           |
| <b>Tecnocoat P-2049 Grey</b><br>Spray aromatic polyurea                             | Walkable roofs, IRMA, decks, balconies, parking, water containment, foundations      | 80 mils min.                             | 20 sq ft/gal at 80 mils (2,160 sq ft per kit) | 35°F min., 5°F over dew point | EP-1010, EP-1020 or PU-1050                          | Tensile 3,650 psi; elongation 650%                                        |
| <b>Tecnocoat P-2049 EL</b><br>Spray polyurea, high elongation, for metal            | Same uses; metal substrates                                                          | 80 mils min.                             | 20 sq ft/gal at 80 mils                       | 35°F min.                     | EP-1010, EP-1020 or PU-1050                          | Tensile 2,000 psi; elongation 600%                                        |
| <b>Tecnocoat P-2049 AL</b><br>Spray aliphatic (UV-resistant) polyurea               | Exposed decks, parking, pools and water features                                     | 80 mils min.                             | 20 sq ft/gal at 80 mils                       | 35°F min.                     | EP-1010, EP-1020 or PU-1050                          | Tensile 1,100 psi; hardness 90                                            |



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| <b>Tecnocoat H-2049 Grey</b><br>Spray polyurea (hybrid line)        | Walkable roofs, decks, balconies, parking, foundations | 80 mils min. | 20 sq ft/gal at 80 mils           | 35°F min.     | EP-1010, EP-1020 or PU-1050 | Tensile 3,000 psi; elongation 600% |
| <b>Tecnocoat CP-2049</b><br>Hand-applied (roller/squeegee) polyurea | IRMA, balconies and decks, details, small areas        | 80 mils min. | 62 sq ft per 20 kg kit at 80 mils | 40°F to 100°F | EP-1010, EP-1020 or PU-1050 | Tensile 1,000 psi; elongation 500% |

Typical values from Polyglass's current technical data sheets. Coverage is theoretical; sheet coverage is gross roll area before laps. Always confirm with the current Polyglass data sheet and installation instructions. Questions on which system fits your project? Call Altitude at (303) 482-1010.