| BENEFITS | TERREWALKS® ${ }^{\circledR}$ | TIRREDH | Concrete | Asphalt | Interlocking Bricks | Pour in Place ** |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Life Cycle Near Tree Roots or in Freeze-Thaw climates | 20+ years | 15+ years | 2-5 years | 2 years | 5 years | 2-3 years |
| Installed Cost * | \$12.56/sf | \$16.00/sf | \$12.00-\$16.00/sf | \$5.00-\$8.00/sf | \$12.00/sf | \$14.00/sf |
| Crew Needed | 2 man crew | 2 man crew | 4 man crew | 4 man crew | 2 man crew | Mfgr installed only |
| Install Time | 1200 sf/day | 500 sf/day | minimum two days | minimum two days | $500 \mathrm{sf} / \mathrm{day}$ | Mfgr installed only |
| Clean Up Needs | None | None | Concrete washing | Asphalt, oil clean up | No | High |
| ADA Compliance | Yes | Yes | Yes, if undamaged | Yes, if undamaged | No | Partial |
| Coefficient of Friction (non-skid) | . 90 Dry/. 65 wet | . 90 Dry/. 65 wet | . 60 Dry/. 50 Wet | . 50 Dry/. 25 Wet | . 60 Dry/. 50 Wet | No info on accepted ASTM tests |
| Trip Hazard | Low to zero | Low to zero | High | Medium | High | Low |
| Walking Comfort | High | Highest | Low | Medium | Low | High |
| LEED/SITE Credits | 6 | 6 | Some mixtures | No | Some | 1 |
| Storm Water Management | 100\% porosity | 100\% porosity | None (.00"/hour) | Low (.20"/hour) | 100\% porosity | Variable |
| Heat Island Reduction | Yes | Yes | Some mixtures | No | Yes (due to porosity) | Yes (due to porosity) |
| Recycled Content | 100\% | 100\% | Zero-Low \% | Zero | Zero-Low \% | 60-70\% |
| Innovation in Design | Yes | Yes | No | No | No | No |
| Modular/Maintainable | 100 percent | 100 percent | 0 Percent | 0 Percent | 100 percent | 0 Percent |
| Size | 2'x $2.5^{\prime} \times 1.875^{\prime \prime}$ | 2'x $2.5{ }^{\prime} \times 1.875^{\prime \prime}$ | Poured to Form | Poured to Form | Set to form | Poured to Form |
| Appearance Change | None | Darkens over time | Cracking, staining, cracks | Chipping and holes | Darkening | Fading |
| Mass Changes | Expected expansion/contraction | Possible settling | Lifting, breaking | Deterioration | Upheaval, warping | Pitting, degradation |
| * Installed costs include break out, demo, arborist services, consulting, contingency, management, wait time (concrete), etc. |  |  |  |  |  |  |
| *Pour In Place not recommended by leading national companies for public pedestrian use due to: unsafe transition on-off hardscape (too soft); inability to support wheeled traffic or high heels; and easily displaced and erupted by tree roots. |  |  |  |  |  |  |

