

10 REASONS TO USE DURADEK TILEDEK as a Waterproofing Substrate For Outdoor Thinset Tile Applications

1. **Compatibility:** Tiledek is completely compatible with thinset and is guaranteed by Duradek. Several thinset manufacturers offer guarantees of their products over Tiledek.
2. **Firm Support:** PVC is very dense and provides firm support for the tile even under very warm conditions. Tiledek is incorporated in several systems with Robinson testing showing it is capable of being used in very high traffic situations.
3. **Effluence:** There is nothing to ooze out of the grout joints or cracks. PVC is very stable even under high heat/high moisture conditions and will not break down.
4. **More Even Substrate:** Tiledek is 60 mils thick (less than half the thickness of the Mod Bit) and will not compromise the strength of the thinset mortar at its seams.
5. **Clearance at Door Thresholds:** Using Tiledek and a thinset application under the outdoor tile maximizes the clearance at door thresholds and can help meet code requirements.
6. **Tiledek Only Applied by Trained Installers:** Tiledek is only applied through applicators who have received training through the Duradek network. These installers specialize in deck and balcony waterproofing.
7. **Suitability:** Tiledek has been extensively tested and is completely suitable for use in these extreme conditions. Similar (non roofing) materials have been used for over twenty years as crack isolation membranes and waterproofing in showers.
8. **Testing:** Tiledek has been tested to ANSI A118.10 (waterproof membranes for thin-set ceramic tile and dimensional stone installations) as well as the ASTM C-627 (service use of a full assembly including the waterproof membrane).
9. **Approvals:** Tiledek is an approved roofing membrane in Canada and the US, meeting all the code requirements necessary to be used over habitable space. It also meets the ANSI and ASTM tests as required by the Tile Council of North America and the Terrazzo, Tile and Marble Association of Canada.
10. **Assurances:** Duradek provides a full set of tested assemblies complete with detail drawings, specifications, material approvals, testimonials of successful installations and a statement of Tiledek's suitability to this intended use.

