



SUNDECKS | ROOF DECKS | BALCONIES | PATIOS | STAIRS | POOL DECKS | WALKWAYS BALCONIES

# DURADEK TILEDEK™ PVC MEMBRANE

Tiledek is an approved roofing membrane which tile can be bonded to in exterior applications. Our tile underlayment provides a reliable solution for the common problem of leaks from exterior tile decks and flat roof decks over living space.

The Tiledek membrane is professionally installed using the proven techniques of the Duradek system. It is easily integrated into the building envelope to assist in managing water away from the structure, thus protecting the building and extending its life. Constructed with a fabric surface embedded into the PVC, Tiledek provides an ideal surface for the application of thinset mortar in exterior tile assemblies.

Tiledek is adapted from the original Duradek outdoor vinyl flooring system that provides a walking surface and roof-grade waterproofing in a single-ply, single product solution.



## Tiledek Product Features

- 60 mil
- 10 year waterproofing warranty
- Fabric top surface for best adhesion of thinset
- Tile layers can start immediately after installation (no curing time)
- For a thinset system that adds little to overall height or weight to the assembly.
- No maintenance and long life expectancy
- ICC compliant to Acceptance Criteria for Walking Decks
- ICC compliant to Acceptance Criteria of Roof Covering Systems
- Meets CAN/CGSB requirements as a Roofing and Waterproofing Membrane
- Meets ANSI and ASTM tests as required by the TCNA and TTMAC
- Meets FBC requirements
- Expands and contracts with substrate without cracking (tested to  $-40 \pm 1^{\circ}\text{C}$ )
- Installed only by authorized and trained contractors using sound roofing details
- Specially formulated adhesives
- A full set of tested assemblies available
- Third-party quality control by QAI

## Duradek Vinyl Membranes Stand the Test of Time

Since 1974, over a 145 million square feet of decks protected all over North America.

# DURADEK TILEDEK™ PVC MEMBRANE - PRODUCT DATA SHEET

## Physical Properties

- Calendered polyvinyl chloride (PVC) film laminated to a woven, polyester fabric backing complete with a geotextile fabric to accept thinset mortar for tile bond.
- Weight: 188 lbs (full 25 yard roll)
- Thickness: 60 mil nominal thickness / 64 mil overall (with geotextile fabric top layer)
- Width: 72 inch (182.88 cm)
- Length: master rolls 25 yards (22.86 m) / or cut to order

## Tests & Evaluations

Code Compliance	ICC-ES AC39	Acceptance Criteria for Walking Decks Compliance.
	ICC-ES AC75	Acceptance Criteria for Membrane Roof Covering Systems Compliance.
	CAN/CGSB 37.54-95	Polyvinyl Chloride Roofing and Waterproofing Standard - Compliance for this material standard adopted by North American building standards.
	FL#20069 (2014)	Compliance with the 2014 Florida Building Commission Requirements
Independent Quality Control	QAI Evaluation Letter	Quality Auditing Institute - An accredited third party product certification body to ensure consistent product quality.
Fire Classification	ASTM E108-08 & CAN/ULC S107-03	Methods of Fire Tests of Roof Coverings - Compliance to a Class A & Class C rating (when installed on and covered by noncombustible components).
Third-Party Testing	ASTM C627	Assembly Components Installation Systems (TTMAC) - Standard test method for evaluating ceramic floor tile installation systems using the Robinson-type floor tester. Class A rating.
	ANSI A118.10	ANSI Specification for Load Bearing, Bonded Waterproof Membranes (TCNA) - For thin-set ceramic tile and dimension stone installation.



*For Test Report details, Detail Drawings or MSDS please visit [www.duradek.com/architectural-resources/tile-underlayment-resources](http://www.duradek.com/architectural-resources/tile-underlayment-resources)*