



System: HotDeck

Application: Split-Slab Deck Waterproofing

System Thickness: 305 mils

	1st Layer	2nd Layer	3rd Layer	4th Layer
Product Name	HD.membrane 90 mils reinforced	HD.skrim	HD.membrane 125 mils	HD.cap1

DESCRIPTION

HotDeck is a redundant field-installed composite waterproofing protection system for insulated and uninsulated split-slab deck applications as well as pedestal paver decks and vegetative decks. Comprised of multiple components, the HotDeck system features a 215 mil reinforced layer of HD.membrane liquid hot-applied rubberized asphalt compound that cures to form a seamless, fully bonded, thick, tough, yet highly flexible waterproofing membrane. Other key components include EPRO

HD.cap1 or HD.cap2- a premium polymer modified fiberglass protection sheet - and EPRO e.drain 6000 - a lightweight three-dimensional, high-compressive strength polypropylene core and bonded non-woven geotextile fabric. These components protect the rubberized HD.membrane from physical damage through the construction process, UV, and beyond, as well as provide redundant layers of longterm waterproofing protection.

BENEFITS

- **Redundant:** Three layers of complementary waterproofing materials create a composite system that is superior to the individual materials alone.
- **Seamless:** Reinforced hot-applied rubberized membrane has no seams.
- **Fully Bonded:** The system mechanically bonds to concrete.
- **Protected:** Two layers of protection prevent damage to seamless rubberized membrane.
- **Proven:** Industry standard and proven technology.
- **Single-Source Warranty:** Combine with EPRO below-grade systems for increased protection.

LIMITATIONS

- Do not apply below 0°F or to damp, frosty or contaminated surfaces.
- Do not expose membrane longer than 30 days.
- Use in well-ventilated area.

SPECIFICATIONS, DRAWINGS, AND TECHNICAL ASSISTANCE

The most current specifications and drawings can be found on www.eproinc.com. For project specific details contact EPRO directly, or your local EPRO representative.

Site conditions, performance goals, and budget determine which system is most appropriate for a given project. For more information regarding product performance, testing, plan review, or general technical assistance, please contact EPRO.

WARRANTY

EPRO provides a wide range of warranty options for HotDeck systems. For a project to be eligible for any warranty option beyond a 1-year material warranty, an EPRO Authorized Applicator must be used and the project must be registered and approved by EPRO prior to the commencement of any product application.

Warranty options available for this system include:

- Material warranty
- HotDeck Labor and Material Warranty
- E.Assurance No-Dollar-Limit Warranty

For information relating to EPRO's E.Assurance warranty program, contact EPRO. All E.Assurance no-dollar-limit labor and material warranties are approved on a project by project basis. E.Assurance warranties are available for deck applications when E.Series systems are used on the below-grade envelope.

PROPERTIES	TEST METHOD	VALUE
Color		Black
Solid Content		100%
Application Rate @ 215 mil		1.23 lb./ft ²
Heating Temp		300°F - 400°F
Softening Point		210°F (100°C)
Water Vapor Transmission	ASTM E96	.07 Perms
Methane Transmission	ASTM D1434	Passed
Flash Point		>500°F (>260°C)
Cone Penetration, dmm	ASTM D5329	@ 32°F (0°C) = 25 dmm @ 77°F (25°C) = 55 dmm @ 120°F (48.9°C) = 160 dmm
Flow @ 140°F (60°C)	ASTM D3407	0.1
Heat Stability 5 hours @ 390°F		No Change
Low Temperature Flexibility		No Cracking @ -15°F
Water Vapor Permeability	ASTM E96 (B)	0.01 Perms
Bond	ASTM D5329	Passed
VOC Content		0