

## Nitra-Core™ Technical Data Sheet

Nitra-Core is a patent pending spray applied vapor barrier that is comprised of an elastic, water-based, co-polymer modified asphaltic nitrile latex, in addition to other proprietary compounds. This chemically resistant barrier is typically installed at 40 mils thickness uniformly above the Nitra-Base layer to provide a monolithic and seamless system. Nitra-Core has exceptional bonding to a wide variety of substrates including green concrete. This barrier will build up to a specific thickness in a single application through multiple passes, allowing for easy installation around penetrations, uneven surfaces and oddly shaped areas.

### Nitra-Core General Properties

Properties	Nitra-Core
Application to Nitra-Base	40 mils (23 ft <sup>2</sup> /gal)

### Typical Uncured Properties

Properties	Test Method	Nitra-Core
Specific Gravity	ASTM D 244	1.0
Brookfield Viscosity	ASTM D 2196	75 – 90 centipoises
pH	Oakton	10-13
Residue Content	ASTM D 2939	62 – 65%
Color		Brown to Black
Demulsibility	ASTM D 6936	35 – 40%
Non-Toxic		No Solvent
Shelf Life		6 months

### Typical Cured Properties with Nitra-Base

Properties	Value	Nitra-Core
TCE Diffusion Coefficient	Land Science Internal Method	On going
Benzene Diffusion Coefficient	Land Science Internal Method	On going

### Packaging

Properties	Value
Drums	55 gal
Totes	275 gal