

NANSULATE® LDX LEAD ENCAPSULATION COATING

Lead encapsulation, mold and moisture resistant coating. Interior use.

DESCRIPTION:

Clear, nanotechnology-based coating for safe encapsulation of lead and mold prevention used for lead abatement of building surfaces, such as walls, ceilings, pipes, and more. Color: Translucent (ClearCoat) with a smooth textured, matte finish.

APPLICATIONS:

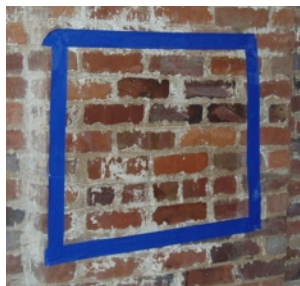
- ✓ Commercial Buildings
- ✓ Homes
- ✓ Hospital Facilities
- ✓ Historical Buildings
- ✓ Pipes or other lead contaminated surfaces

BENEFITS:

- ✓ Easy encapsulation of lead-based paint.
- ✓ Easy cleanup with soap and water.
- ✓ Space saving – each coat is applied at 3-5 wet mils; a three-coat application will dry to 5-7.5 dry mils.
- ✓ Clear, smooth texture finish that is not lumpy and won't change the look of the surface.
- ✓ Can be painted over.
- ✓ Resistant to mold and moisture.
- ✓ Easily applied by brush, roller or paint sprayer.
- ✓ Does not contain any potentially harmful anti-microbial additives or biocides.
- ✓ Non-hazardous, water-based, low VOC.
- ✓ Exhibits outstanding durability with excellent adhesion to concrete, pvc, wood, brick, plastic, and many more substrates.
- ✓ 20 year warranty - interior use.
- ✓ Cost effective alternative to removal of lead-based paint.

ORDERING:

PH: 800-767-3998 or +1 239-254-0346
Online: www.nansulate.com



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PRODUCT DATA:

Theoretical coverage rate	225 S.F. (20.9 Sq.M.) per 2 coats (recommended coverage)
Typical applied coat thickness	3-5 wet mils (76-127 microns) per coat
Typical thickness of 1 coat	2.5 dry mils (63.5 microns)
Typical thickness of 2 coats	5 dry mils (127 microns)
Typical touch dry time for 1 coat	1 hour
Typical full dry time for 2-coat coverage	72 hours
Shelf life	2 years
VOC content	100 g/L
Viscosity	3500 to 4000 (cps)

PRODUCT TEST DATA:

Cross Hatch Adhesion - ASTM D-3359	0% 5B, edges remain smooth, no flaking
Pull Apart Strength - ASTM D-4541	2400-2450 psi
Surface Test Over Solid Lead Block	passed, no leaching of lead detected
Flame Spread/Smoke Developed - ASTM E84	Class A
Mold Resistance Testing (ASTM D5590 & ASTM G21)	Zero or minimal growth
U/V Exposure	Passed 2000 hours
Accelerated Salt Fog Corrosion Test (GM9540P)	Passed 24 cycles, no rust
Permeability	5 perms/inch @ 23 deg C.

WARRANTY

Complies with 20-year warranty requirement by certain U.S. States for lead encapsulation coatings. Warranty covers interior use.

Nansulate® LDX can be applied for exterior applications, however the warranty for outdoor applications is 5 years.

LIMITATIONS:

- Do not use as a final floor covering.
- Do not install where long-term submersion in liquid or continuous exposure to moisture is a possibility.
- Do not install over poor surfaces, such as those with flaking paint, grease or other contaminants.
- Do not allow exterior application to be subject to rain or condensation for at least 72 hours.
- Do not allow application to be subject to freezing temperatures during first 30 days.

APPLICATION INSTRUCTIONS AND FURTHER INFORMATION AVAILABLE AT WWW.NANSULATE.COM.

