

Product Description

AIR BARRIER NS-A250-HP™ is an elastomeric asphalt based coating for Industrial, Commercial and Residential Air barrier applications. AIR BARRIER NS-A250-HP™ is weather resistant, water-proof, vapour resistant, UV stable, eco-friendly, and safe to use. AIR BARRIER NS-A250-HP™ is a highly versatile elastomeric coating that is cold-applied using a spray system. With its unsurpassed ability to expand and contract, it can easily withstand all weather conditions.

Features & Benefits

- AIR BARRIER NS-A250-HP™ coating can be used on almost any material, including wood, insulation, foam, and fibre board, and more.
- It elongates up to 486%, with 95% recovery
- This durable product can withstand temperature changes and surface shifts without becoming cracked or strained
- This product self-heals if it is punctured
- Environmentally friendly, and free of toxins and VOCs.
- Acts as a rain screen
- Seamless and monolithic membrane

Storage & Use

- Mix each drum well prior to use.
- Ensure lids to drums are sealed, and air-tight prior to use.
- Do not store in direct sunlight max 32°C (90°F) or below 5°C (41°F).
- Avoid storing or using the product in temperatures below 4.5°C (40.1°F).
- AIR BARRIER NS -A250-HP™ is designed to serve a protective function rather than an aesthetic one.

Applications

- Residential/ Commercial Mid/ High Rise
- Passive Homes

Colour

BROWN

Limitation

Mildly alkaline. Do not store in direct sunlight. Products should be stored max 32°C (90°F) or below 5°C (41°F). For spraying applications below 0°C (32°F) a winterized kit is required (Contact NaturaSeal representative for more information)

Packaging

55-gal (205-L) Drums
265-gal (1000- L) Totes

Coverage

AIR BARRIER NS-A250-HP™ is applied between 0.92 m²/litre (37 ft²/gal) to produce a 30 Mils DFT protective membrane. AIR BARRIER NS-A250-HP™ dries to the touch in a few minutes @ 20°C (68°F) and is completely cured in 24hrs. This curing time may vary depending on temperature and relative humidity. Typically an applicator crew can spray 8,000 ft² (743 m²) per day.

Warranty

NaturaSeal warrants its products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, NaturaSeal makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to NaturaSeal products. NaturaSeal's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of NaturaSeal Products proven to be defective, and NaturaSeal shall not be liable for any loss or damage.

Please refer to our website at www.naturaseal.com for the most up-to-date Product Data Sheets.

Note: All NaturaSeal Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements

PIONEERING THE FUTURE TODAY

Corporate office:

NaturaSeal Distribution Inc.
960 Edgeley Blvd. Unit #4
Vaughan, ON L4K 4v4

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www.naturaseal.com

PHYSICAL PROPERTIES	TEST METHOD	TYPICAL RESULTS (METRIC)	TYPICAL RESULTS (IMPERIAL)
Specific Gravity (Liquid) g/cm ³		1 g/cm ³	62.43 lb./ft ³
Odour		None	
VOC	Method 310	Contains no solvents	
Colour		Brown	
% Solids		63%	
Viscosity, SSF		25°C = 15-22	77°F = 15-22
pH		9-11	

PERFORMANCE (CURED MEMBRANE)		TYPICAL RESULTS (METRIC)	TYPICAL RESULTS (IMPERIAL)
Specific Gravity		1 Kg/m ³	0.062428 lb./ft ³
Impact Resistance	CSB 37-GP-56 @	23°C = Passed	73.4°F = Passed
Water Tightness After Impact		Passed (No Leakage)	
Tensile Adhesion Properties of Rigid Cellular Plastics	ASTM D1623	Passed	
Tensile Strength	ASTM D412, psi	95	
Elongation %	ASTM D412, psi	486%	
Adhesion to Concrete Strength	ASTM C 907 (Amended to tensile adhesion), psi	111	
Accelerated Weathering	ASTM 155, D412	Passed (No Deterioration of Film)	
Low Temperature Flexibility	CAN/CGSB 37.58 – M86	No Cracking Observed	
Air Permeance Criteria Specified	ASTM E2178-13	0.0062 L/s.m ²	0.0012 cfm/ft ²
Air Leakage (ABAA)	ASTM E2357-17	0.0358 L/s.m ²	0.0072 cfm/ft ²
Water Penetration Resistance	ASTM E331-00	Passed	
Water Vapour Permeance Specified	ASTM E96 – M16 (Water)	892 Ng/PA.s.M2	15.6 US Perms
Crack Bridging	CAN/CGSB 37.58-M86 & ASTM C1305	No Crack Bridging Observed	
Biological Resistance	ASTM E154, ASTM D412	Passed (>90% Original Value)	
Self Sealability	ASTM D1970	Passed	

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EIFS Adhesive for Bond Strength	CAN-ULC-S716.2	Passed
Standard for Air Barrier Assemblies	CAN-ULC-S742-11	Passed A1
Surface Burning Characteristics	CAN/ULC-S102.2	Less than 25 Flame Spread/ Less than 250 Smoke Development
Surface Burning Characteristics	UL 723 (E84)	Passed Class A
Fire Test Method	NFPA 285	Passed – Contact NaturaSeal for further information

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