

Product Description

AIRSEAL NS A-250 HP is an elastomeric coating for Industrial, commercial and residential Air barrier applications. AIRSEAL NSA-250 HP is weather resistant, water-proof, vapour resistant, UV stable, eco-friendly, and safe to use. AIR SEAL NS A-250 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

- Airseal NS A-250 HP coating can be used on almost any material, including wood, insulation, foam, and fibre board
- It elongates up to 500%, with 98% 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

- AIRSEAL NS A-250 HP is designed to serve a protective function rather than an Aesthetic one.
- Although this product is highly versatile, there are some surfaces that it is not recommended for, such as coal tar.
- Avoid storing or using the product in temperatures below 4.5 degrees Celsius.

Applications

- Residential
- Mid/High Rise

Colour

BROWN

Limitation

Mildly alkaline. do not apply when the ambient temperature is below freezing. Do not apply to wet, frozen or frosted surfaces. Do not store in direct sunlight max 32°C (90°F) or below 5°C (41°F). For application below 0 degrees, please refer to manufacturers guidelines for equipment winterization.

Packaging

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

Coverage

AirSeal NS A-250 HP™ is applied between 0.7 m²/litre (30 ft²/gal) to produce a 40 mil protective membrane to 0.175 m²/litre (7.5 ft²/gal) to produce a 160 mil membrane. SpraySeal dries to the touch in one (1) minute @20°C and is completely cured in 48 hrs. This curing time may vary depending on temperature and relative humidity. Typically an applicator crew can spray 6,000 ft² (560 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

Free of Flammable Solvents

•Non-toxic

•Odourless and Water Based

Corporate Office:

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Presentation Centre:

Improve – Home Improvement Centre
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PHYSICAL PROPERTIES	TYPICAL RESULTS
Specific Gravity (liquid) g/cm ³	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown
% solids (wt.)	62
Viscosity, SSF @ 25°C	15 – 20
pH	9-11
PERFORMANCE (CURED MEMBRANE)	TYPICAL RESULTS
Colour	Brown
Specific gravity , kg/m ³	Approximately 1.0
Impact resistance CSB 37-GP-56 @23°C, in-lbs	Passed (168)
Water Tightness after impact	Passed (no leakage)
Tensile Strength, ASTM D412, psi	95
Elongation, %	486
Adhesion to Concrete Strength, ASTM C 907 (amended to tensile adhesion), psi	111
Puncture resistance CGSB 37-GP-56, 24hr@29N, -5°C	Passed (no puncture)
Accelerated Weathering, ASTM 155, D 412	Passed (no deterioration of film)
Hardness, Durometer Type 00	85-87
CAN/ULC-S102.2	Less than 20 Flame Spread / Less than 200 Smoke Development
Low Temperature Flexability CAN/CSGB 37.58- M86	No Cracking Observed
National Sanitation Foundation	Potable Water Approved (call for details)
Salt Fog Corrosion, Steel ASTM D412	1,000 Hours Passing
Air Permeance Criteria specified in ASTM E2178- 13	0.0012 L/(S.M ²) at a 75 Pa pressure differential
Water Vapour Permeance specified in ASTM E96-16 (Water), ng/PA.s.M2 (perms)	417.4 ng/Pa-s-m ² /7.3 US Perms
Water Resistance – AATCC 127 & ASTM E2556	Pass, 55cm of Water Head for 5 Hours
Pull adhesion ASTM D4541, mPa	0.49
Crack Bridging CAN/CSGB 37.58-M86 & ASTM C1305	No Cracking Observed
Biological resistance ASTM E 154, ASTM D412	Passed (> 90% original value)
Self Sealability ASTM D1970	Pass
CAN-ULC-S742-11	Pass A1

NaturaSeal Manufacturing & Distribution

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