

Natura HDPro™

Pre-applied Bonded System Carrying Sheet

TECHNICAL DATA SHEET HD62525NNA01

DESCRIPTION

Natura HDPro™ is a specially formulated Polyethylene that provides a high environmental stress crack resistance to alkalines and acids found in the soil. In addition, Natura HDPro™ is made from 100% Virgin HDPE resin. Our special extrusion process utilizes low heat and low shear to prevent heat degradation in the final product. The use of antioxidants and lubricants further ensure a smooth, superior quality membrane that outperforms the industry standard.

NaturaSeal® - DUO LOCK MECHANISM

Natura HDPro™ sheet membrane is designed with a duo lock mechanism at seams with its exclusive pressure sensitive edge when incorporated with NaturaSeal® fluid-applied or brush applied elastomeric coating membranes.

BENEFITS

- High impact and tear resistance
- Unaffected by environmental stress-cracking
- Exclusive self-adhering overlaps
- Rot-proof and Anti-root characteristic
- Easy and quick to install in all details
- Enhances service life expectancy
- No flame or torch required

INSTALLATION



ROLL

APPLICATION

Pre-Applied Waterproofing

Blindside Waterproofing

Tanking / Bathtub Waterproofing

Post-applied Protection Layer

HEALTH SAFETY AND ENVIRONMENT

The materials does not contain any substance likely to be detrimental to health or to the environmet and complies with generally accepted health and safety requirements. For further information please refer to relevant Material Safety Data Sheet in force.

INSTALLATION GUIDELINES

- All substrates must be clean and free of debris, dirt and mildew.
- Do not apply when subjected to heavy rain.
- Do not apply when temperatures are below 5°C (41°F) without winterized kit.
- Approved uses include only those specifically detailed in this Product Data Sheet.

For further information refer to NaturaSeal installation guides.

STORAGE AND USE

The material must be stored in shaded spaces, protected from exposure to direct sunlight, extreme hot and moist. Material must be kept away from heat and flammable materials. Avoid stacking heavier pallets of materials on top of this product.



SUSTAINABILITY

NaturaSeal® products support sustainable and energy-efficient building practices, and achieving LEED® certification (LEED® for New Construction).



COMPONENTS

- BrushSeal HB-600-BR
- PatchSeal PS-700-TG
- NS-200R Geotextile Fabric
- SpraySeal NS-F300 + GE

COVERAGE

Size	Weight
2m x 30m (6'5" x 98'4")	36kg (79.37 lbs)

QUALITY MANAGEMENT

NaturaSeal is committed to creating unparalleled new technologies, minimizing the negative impacts on the environment and communities. Our manufacturing facilities are independently monitored and certified CE, ISO 9001, ISO 14001 and ISO 45001.

- Please refer to NaturaSeal for the most up-to-date Technical Data Sheet (TDS).
- NaturaSeal Material Safety Data Sheet (MSDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

SHELF LIFE

Material shall be stored in a dry and properly ventilated space, protected from the elements or any harmful substances. Material shall be adequately protected from environmental impacts to the properties or the performance of the membrane.

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APPROVALS / CERTIFICATE

CE Marking, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
 CERTIFICATE OF PRODUCT CONFORMITY - DM-DCLD-RD-DP21-2001 (IC)

TECHNICAL INFORMATION

HDPE Core Properties	ASTM Method	Results
Colour		Brown
Dimensions (W x L)		2m x 30m (6'5" x 98'4")
Thickness		1.05 mm (41 mils)
Vapor Permeance		<4grams/m ² /day (<.3716grams/sqft/day)
Temperature Range		-25°C to +70°C (13°F to 158°F)
Chemical Properties	D 4703-16	Superior ESCR
Toxicity		Non-Toxic
Service Life Expectancy		>50 Years
Material		Polyethylene
Filter Fabric	Non-Woven	
Colour		White
Grab Tensile Strength	D 4632	355 N (80 lbs)
Grab Elongation	D 4632	50%
Trapezoid Tear Strength	D 4533	150 N (33 lbs)
CBR Puncture Resistance	D 6241	1100 N (247 lbs)
Permittivity	D 4491	2.0 sec ⁻¹
Water Flow	D 4491	6095 l/min/m ² (150 gpm/ft ²)
Apparent Opening Size (AOS)	D 4751	<100 micron
UV Resistance	D 4355	70%/500 hrs
Composite System		
Roll Size		2m x 30 m (6' 5" x 98' 4")
Roll Weight		36 kg (79.37 lbs)
Adhesive		
Colour		Black
Thickness		0.5 mm (20 mils)
Service Temperature		+5°C to 70°C (+41°F to 158°F)
Combined System		
Puncture Resistance (lbs/N)	E154	854 N (192 lbs)
Melting Point	D3418-21	122.37°C (252.27°F)
Flow and Heat Resistance	EN 1110:2010	Resistant
Thickness		1.3 mm (52 mils)

Information contained in this data sheet is up-to-date and correct as at the date of issue. All value represented are nominal and subject to 10% tolerance unless noted otherwise.
 1. Allow poured concrete to properly cure (28 days). Peel adhesion of Membrane to concrete is measured at a rate of 50 mm/min at 22°C (71.6°F).
 2. Test conducted at 3.25 mm.

We warranty that our products are in conformance with the standards of quality control established by NaturaSeal. As we cannot control or anticipate the conditions under which the products may be used, each user should review the information in specific context of the planned use. NaturaSeal makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to NaturaSeal Products.
 To the maximum extent permitted by law, we will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet.
 Please contact NaturaSeal for applicable warranty programs and general terms and conditions.

AFFILIATES



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