



Wetsuit® DMS

Fluid Applied Membrane for Disaster Mitigation

Professional Use Only

DESCRIPTION

WetSuit® DMS is a patented VOC-Free, instant-set, water-based two-component cold spray applied, fully-adhered, auto-terminating bituminous high grade rubber membrane suitable for a variety of waterproofing, roofing, air/vapor barrier, and protective applications, specially as a disaster mitigation system. WetSuit® DMS builds to any millage in a single pass application resulting in rapid application and a variety of vertical and horizontal uses

RECOMMENDED USE

WetSuit® DMS is designed for exterior and interior vertical and horizontal waterproofing, roofing, and environmental barrier applications. Typical applications include disaster mitigation on any existing roofing surface.

FEATURES AND BENEFITS

- Single pass application for any millage with uniform composition and no mud-cracking or pin-holing; 1,500 sqft/hour- 140 sqm/ hour with a 3 men crew spray rate achievable and wide variety of uses
- Versatile: proven in waterproofing, roofing, and air/vapor barrier applications, hydrostatic and dry, exposed and buried, interior and exterior, vertical and horizontal
- Durable & Simple: High adhesion with the waterbased Wetsuit® primer over a wide variety of substrates eliminates laborious prep; system is easy to clean and components mix externally. Wetsuit® DMS will not adhere to Silicone. Always test adhesion before installation
- True waterproofing performance.
- Accelerated spray is 80% cured in 3 Seconds—immediately tack free
- Environmentally friendly, low-impact install;
- Simple prep work, Require fabric reinforcement only on gap, transitions and joints, no torches or melting pots

PROPERTIES

Property	Test Method	Result
Color		Brown to Black
Volatile Organic Compounds		0%
Shelf Life		18 months
Dry weight		60 mils : 6oz/ft ²



PACKAGING / SHIPPING INFORMATION / STORAGE / TEMPERATURES

Container size	Shipping Class	Reference
55 Gallon drum (208.2 liters)	Class 55	17-DMS-55

Mix periodically during storage (1x/Month)

One (1) WetSuit® 2-Part kit includes 50 gallon drum of coating and (1) bag of accelerator.

Store in a cool dry area between 40°F/5°C-90°F/32°C, Protect from freezing.
Temperature range for application : above 40°F/5°C

Application	Dry Thickness
Air barrier	40 mil / 1 mm
Roofing	60 mil / 1.5 mm
Vertical waterproofing	80 mil / 2 mm
Horizontal Waterproofing & below grade waterproofing	100 mil / 2.5 mm

Please, refer to specific coverage document.

SURFACE PREPARATION AND APPLICATION

WetSuit® should not be applied to wet surfaces or surfaces with latent moisture. Substrate temperature must be above 40°F/5°C, product must not be allowed to freeze during storage and until final cure. WetSuit® 2-Part is applied using Neptune Coatings patented WetSuit® Spray System. Spray System Technical Data Sheet for more information. Surface should be clean and dry with no oils, loose debris, laitance, organic matter or other interfering matter. See Neptune Coatings “Surface Preparation Quick Guide” for detailed substrate guidance, full application instructions in Guide Specifications.

Neptune Coatings strongly advise to apply a layer of Wetsuit® PrimeMate on any substrate to ensure optimum adhesion before to apply Wetsuit® 2-Part.

Wetsuit® 2-Part can be applied on substrates with a temperature between 5°C / 41°F and 40°C / 104°F.

Care should be taken to prevent overspray from landing on unintended surfaces

PrimeMate may be required to tie into existing DMS systems depending upon end use requirements

TOP COATING AND SURFACE MODIFICATION

For a colored or reflective topcoat, use Neptune Coatings base coat & Reflex or approved equal. Contact manufacturer for approved coatings. For a granulated or bead finish, after the 2-Part membrane has been allowed to cure completely apply a 30 wet mil coat of WetSuit® 1-Part (single component) and broadcast approved bead or granule into it. Time to cure completely will depends on temperature and humidity conditions.

RE-APPLICATION

WetSuit® DMS is self adhering, and does not require scarification. WetSuit® 1-Part or Trowel adhere directly to 2-Part. If a topcoat has been applied, contact Manufacturer.

CLEAN UP

Requires Pine-Sol (or equivalent) and water in a 5:1 mixture for flushing the equipment after the job. Equipment requires flushing if down me is greater than 72 hours.



SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use and handling. Information sources include but are not limited to SDS and product labels. More resources are available by contacting Neptune Coatings directly.

A painter's nose/mouth mask and goggles are recommended while spraying. Gloves are recommended to avoid minor skin irritation. Refer to SDS for complete safety information. We always recommend adherence to OSHA fall safety guidelines and best practices.

MINIMUM EQUIPMENT

Always use the specific Spraying system supplied by Neptune Coatings.

SPRAYING SYSTEM & COATING COVERED by US Pat. No. 8,919,278, US Pat. No. 8,940,382 and patent pending

To our knowledge, all the technical information in this document is true and accurate at the date of publication of this technical data sheet and remain subject to modification without prior notice. The user can contact Neptune Coatings to verify the accuracy of the information before to specify the product or before to order it.

We warranty that our product are compliant with the standards of quality control established by Neptune Coatings. We don't accept any liability regarding the coverage ratio, the performances or any wound resulting from the use of the product. The responsibility of Neptune Coatings if any is limited to the replacement of the product. No other warranty is given by Neptune Coatings directly or indirectly, by legal route or otherwise, regarding the suitability of the product to a given application.