



NP SM Silicone Mastic

Description

NP SM Silicone Mastic is a solvent free, single component, high solids sealing and patching compound ideal for roof repairs on most surfaces. NP SM Silicone Mastic forms a durable, weather resistant, seal used to prime and seal penetrations, skylights, seams, sealing holes, etc. NP SM Silicone Mastic is especially developed to seal cracks, detail areas and surface imperfections. Superior adhesion and flexibility is weather resistant and withstands extreme elongation. Ideal for use on new and existing roofs and for roof maintenance. NP SM Silicone Mastic is designed to be highly reflective and UV stable with direct exposure to sunlight. Read and follow directions carefully. Refer to Material Safety Data Sheet for proper handling.

Preparation

Surfaces must be clean, dried, and free of moisture on and beneath the surface. Remove dust, dirt, oil, loose granules, mildew, and any other foreign contaminants. Rusted metal should be cleaned with a wire brush. Acceptance of the substrate is the sole decision of the owner or appointed representative.

Application

For exterior use only. Protective clothing and eye protection should be used during the application of this product. Apply it on warm, sunny days preferably in the morning to provide maximum cure time. NP SM Silicone Mastic must be applied to a dry surface and should be applied in the Three Course Installation Method using paintbrush or trowel. Apply the first coat at a thickness of 1/8 to 1/4 inch (3.2mm to 6.4mm). While the first coat is still wet, place polyester fabric and brush to remove any air pockets or wrinkles. Second layer should be applied immediately at a thickness of 1/8 to 1/4 inch (3.2mm to 6.4mm). If needed trowel NP SM Silicone Mastic over cracks in concrete, masonry, and wood. Additional applications may be necessary, as elastic cement shrinks through drying.

Cleanup

Clean tools with soap and warm water.
VOC/VOS <50 Grams Litre

Technical Data

Percent by volume ASTM D-2369	99
Specific Gravity	1.26
Dry time depends on atmosphere temp and humidity.	
Tack-Free Time	1-2 hours.
Dry to handle	3-4 hours.
Flash Point	141°F

Precautions

DO NOT STORE AT TEMPERATURES BELOW 10°C OR ABOVE 49°C. DO NOT ALLOW TO FREEZE. DO NOT APPLY WHEN HEAVY DEW OR RAIN IS EXPECTED WITHIN 24 HOURS. DO NOT THIN. When transporting this product, be sure the lid is tight, and the pail is secured. Do not allow pail to tumble as this may loosen the lid and cause leakage or spillage.

Drying time may vary depending upon wet film thickness, temperature, humidity, and air movement.

CAUTION

KEEP OUT OF REACH OF CHILDREN. Close container after each use. HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN, AND RESPIRATORY IRRITANT. USE WITH ADEQUATE VENTILATION. If swallowed do not induce vomiting. Call the physician immediately. In case of eye contact flush with large amounts of room temperature water for 15 minutes, skin contact wash thoroughly with soap and water. Irregular or stopped breathing administer oxygen, give artificial respiration. Get immediate medical attention. Avoid prolonged breathing of vapor or spray mist. Use proper protection and adequate ventilation when using the product.

For further information and advice regarding transportation, handling, storage, and disposal of chemical products, users should refer to the actual Material Safety Data Sheet containing physical, ecological, toxicological, and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

WARRANTY AND DISCLAIMER

Neptune Pacific Ltd warrants to the original purchaser that this product is free from any manufacturing defects that will materially affect the product's performance for a period of one year. In the event there is a failure associated with a manufacturing defect of this product, Neptune Pacific Ltd shall, at its own discretion, provide the appropriate replacement product(s) or pay for the cost of the defective product only. There is no warranty for labor or installation costs of any kind. NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NEPTUNE PACIFIC LTD SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. Contact Neptune Pacific Ltd prior to ordering the most recent and up to date data sheet. For additional limited warranty and disclaimer information contact Neptune Pacific Ltd office on +64 9 600 1273