

Delta Silicone 66 Nano Ceramic

A Silicone Rubber Waterproofing & Heat Insulation Coating

Description

DELTA SILICONE 66 Nano Ceramic is a premium grade silicone rubber ceramic hollow microspheres coating for waterproofing and heat insulation for roofs. It is ideal for ponding water as well.

Uses

Metal, single ply, smooth BUR, APP, SBS, modified bitumen, polyurethane foam, cured concrete, existing asphaltic and elastomeric roof coatings and other approved surfaces. EPDM may require use of Delta Cleaner. All corrosion should be primed with Rust Inhibitive primer. Asphaltic substrates may require Bleed Block Primer

Surface Preparation & Priming

All surfaces should be clean and dry. Treat rust with proper primer. If mildew is present, clean the surfaces with one part bleach to 2 parts water solution. Pressure wash all the surfaces before application. Asphalt-bleed blocking primer is recommended over asphalt substrates to limit staining and discoloration. Repair cracks and damaged areas with Silicone Flashing Sealant. Allow all sealants and primers to fully cure prior to application

Coverage

Apply two coats at a coverage rate of 100 Ft.² per gallon per coat (DFT 30 mils) depending on the condition of the substrate.

Technical Data

Color/ Vehicle Base. %	:100	White,Silicone	Solid By Volume %	: 98	ASTMD 1076
Solid By Weight %	: 98	ASTMD 1076	Weight / Gallon. lbs	:11+/- .6	
Elongation at break. %	:420	ASTMD 412	Tensile Strength. Psi	:270	ASTMD 2240
Tear Resistance. lbs./l.ft.	:38	ASTMD 624	Viscosity:CPS	7,000	ASTMD 562
VOC. g/l	:10		PH @ 70 F°	:8	
Flash Point. F°	:>290		Service Temperature: F°	:45 - 85	
Permeance. US Perms	:4		Solar Reflectance Index	:112	
Reflectivity	:.95		Thermal Emissivity	:.95	
Clean Up.	:Mineral Spirit or Naphtha				

Product Application

Mix the material thoroughly before use. Apply DELTA SILICONE 66 by soft brush, roller or spray gun. Use airless spray with .031 inch tip with atomizing pressure of 5000-7000 Psi. Observe 4 to 6 hours between coats.

Drying Time

Rain Safe in 60 minutes. Full Cure in 72 Hrs. @ 65° F, 50 % relative humidity

Packaging & Shelf Life

Delta Silicone 66 Nano Ceramic, 5 Gallon Bucket, 2 years if remains unopened and be kept away from freezing.

Product Warranty

5 to 15 years extendable limited warranty. The sole remedy for goods not in conformance with any warranty is replacement of the product or return of purchase price. The Delta Coatings & Sealants Inc. shall not be liable for any other damages included but not limited to labor expenses

