

MANUFACTURER	PRODUCT CODE (SKU)	REVISION DATE
NANVERA Advanced Materials	NS-020 — NAN-VE Silicon-S	May 2026 / Rev. 01

1. Product Description

A premium engineered blend of nano rubber putty and fine quartz crystals. Functions as a natural waterproofing, priming, and forming putty. Creates a striking “sandy beach” appearance and serves as an effective medium allowing interior decorative paints to withstand the harshest external weather conditions.

2. Recommended Uses

Finishing for swimming pools, artificial lakes, and facades. The ideal choice for smooth finishes, marble effects, Swahili, and Stucco finishes. Used as a rubber protective layer that allows the creation of abstract art panels with solid or layered colors, resistant to heat and expansion. Can also be used for joint filling.

Basic Technical Specifications

Property	Value	Test Method
Color	Off-White Matt	Visual
Density	1.19 g/cm3	ASTM D1475
Solid Content	61.22%	ASTM D1644
Volatile Content	38.78% (water-based)	EPA Method 24
Elongation	≤ 900%	ASTM D412
Adhesion to Concrete	2.4 MPa (B5)	ASTM D4541
Water Permeability	Class W3 (absolute resistance)	EN 1062-3
UV Resistance	Passed (312 nm / 300 h – no cracking or chalking)	ASTM D4587
Surface Dry	50 minutes	ASTM D1640
Hard Dry	120 minutes	ASTM D1640
Full Cure	48 hours	ASTM D1640

6. Legal Disclaimer

The data provided is based on extensive laboratory testing and field experience. As application conditions are beyond the manufacturer's control, the manufacturer only guarantees the consistent quality of the product itself.