

Massa SUB 928 NUC uses specially selected raw materials, showing excellent performance system for intermittent immersion in sea water or fresh water, can be directly applied to submerged surfaces, thus being curable under water.

TECHNICAL CHARACTERISTICS

TYPE

Mass epoxy, resin-based solvent free, high thickness and high waterproofness. Two pack system.

USAGE

Recommended for use on carbon steel substrates and concrete, suitable for maritime platforms and steel structures located in the Splash Zone. Region of anodes, areas where only the application under water is possible.

TECHNICAL INFORMATION

COLOR	Dark Green		
FINISH	Semigloss		
VOLUME SOLIDS	100% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,700 ± 0,05 g/ml	According to ASTM D 1475	
FLASH POINT	100°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	1,0
	Comp. B	91,0	1,0
POT LIFE (25°C)	30 min		
INDUCTION TIME	Not Applicable		
THEORETICAL SPREADING RATE	0,3 m ² /l - 3000 µm		
WET THICKNESS	3000 µm		
DRY THICKNESS	3000 µm		
DRYING TIME, for 3000 µm	25°C		
		Minimum	Maximum
	Touch		3 h
	Handle		18 h
	Recoat	18 h	48 h
ENVIROMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C.	
	Thinner	Not Applicable. Using water for cleaning.	
APPLICATION	Manually/ Spatula/ Trowel	Before homogenize, wetting the hands, removing a sufficient amount of each component to use in given area while maintaining the aspect ratio mixture. Homogenize for 1-2 minutes until you have a uniform green color. Wait about 4 to 6 minutes before use. To level and smooth the same underwater, using own hand.	
SURFACE PREPARATION	Carbon steel and concrete	The surface should be dry, free of salts, oils, grease, dust, grease and other contaminants, if conditions permit, remove salts. In the case of new concrete, use muriatic acid 10% solution to neutralize it. Afterwards, rinse with plenty of water, wait total drying and apply. If old concrete, the survey of a technician is advisable. Recommended treatment standards: mechanical treatment St 3 min - Corrosion Grade C, according to ISO 8501-1.	
	Recommended Primers	Not applicable	



SHELF LIFE	12 months
UN NUMBER	1263
HAZARD NUMBER	33

IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
 2. The weight/l and viscosity values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.
 3. The pot life decreases with increasing temperature and the amount of reaction mass.
 4. Epoxy products do not cure at temperatures below 10°C, so it must have a minimum curing temperature of 12°C.
 5. Proceed rigorous stirring until complete homogenization, otherwise you may be non polymerized areas (uncured) in the filming of the movie. Apply soon after.
 6. Due to the errors inherent in any type of testing is normal to a variation of up to 2% solids in test volume.
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SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
 2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40° C. Must not be directly exposed to the sun.
 3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
 4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
 5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.
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HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
 2. Clothing contact: remove clothing and wash it.
 3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
 4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
 5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.
- IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
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