



MAKEFLOOR 626-100 NV Novolac Chemical Resistance

Base 626: Curing Agent 6261

PRODUCT DESCRIPTION	A two component high solids, epoxy with exceptional chemical resistance .	
RECOMMENDED USE	<p>MAKE 626-100NF is an Epoxy Novolac lining designed to provide protection to concrete and steel structures in aggressive chemical conditions. The materials is particularly suitable in waste water treatment plant, desalination plants, food processing plants, fertilizer and insecticide plants and petroleum refineries.</p> <p>MAKE 626-100NF may be used with or without anti slip grains as a heavy-duty floor coating in applications such as chemical processing and drum storage areas, loading docks and ramps. It may also be used in conjunction with glass fibre cloth to increase the thickness of the system or to reinforce structures subjected to aggressive chemicals.</p>	
CHARACTERISTIC	<ul style="list-style-type: none"> • Low odor • 100% solids, no solvent • Excellent chemical resistance • Excellent adhesion to properly prepared concrete , mild steel, and other substrates • Excellent abrasion resistance. 	
PHYSICAL DATA	<ul style="list-style-type: none"> • Colour • Gloss level • Volume Solid • Specific Gravity • Theoretical DFT • Theoretical Coverage • Shelf life • Temperature Resistance • Flash Point • Pack Size 	<p>Grey</p> <p>Semi Gloss</p> <p>100%</p> <p>1.35</p> <p>0.5 – 2.0 mm</p> <p>0.5 ltr/m² 500 microns</p> <p>At least 12 month</p> <p>93°C</p> <p>Base :25°C ; Curing Agent : 48°C</p> <p>20 litres unit Base :13.33 liters ; Curing Agent : 6.67 liters</p>
SURFACE PREPARATION	<p>Concrete</p> <p>All surfaces, which are to receive the lining must be at least 28 days old and have a moisture content of less than 5%. These surfaces shall be dry, sound and free from debris and loose material. The substrate must be free from contamination such as oil, grease, wax, dirt or any other from of foreign matter which might affect adhesion.</p> <p>All blow holes and imperfections should be filled with mortar.</p> <p>Steel</p> <ul style="list-style-type: none"> • Dry abrasive blast in accordance with ISO – Sa 2 1/2 or SSPC – SP 10 “NearWhite”. • Blast to achieve an anchor profile of 25 – 50 microns as determined with a Keane Tutor Surface Profile Comparator. • Remove abrasive residue or dust from surface. 	
APPLICATION DATA	<p>Application Methods</p> <p>Trowel, Roller,spray Or Brush</p> <p>Mixing Ratio</p> <p>Thinner</p> <p>Cleaner</p>	<p>Recommended</p> <p>Base : Curing Agent = 2:1</p> <p>Not required</p> <p>Thinner MAKE 10</p>

Drying Time

Touch Dry	3 hours at 25°C ; 2 hours at 32°C
Hard Dry Dry to Recoat	16 hours at 25°C ; 12 hours at 32°C
Minimum	16 hours at 25°C ; 12 hours at 32°C
Maximum	3 month
Full Cure	6 days
Pot Life	1 hours at 32°C

CHEMICAL RESISTANCE

The fully cured coating is resistant to the splash / spillage of the following chemical

Acetic Acid 25%	Hydrochloric acid 35%
Ammonium Hydroxide	Hydrofluoric acid 25%
Benzene	Jet fuel
Benzoyl chloride	Isopropanol
Benzyl alcohol	Ethylene glycol monoethyl ether
Bleach (sodium hypochlorite)	Kerosene
Boric acid	Lactic acid 20%
Brake Fluid	Methyl isobutyl ketone
Brine 100%	Mineral spirit
Car oil	Nicotinic acid
Carbon tetrachloride	Nitric acid 30%
Castrol oil	Phenol 50% in IPA
Delonised Water	Phosphoric acid 85%
Diesel fuel	Potassium hydroxide
Diethanolamine 88%	Propylene glycol
Ethylene glycol	Sea water
Hydrogen peroxide 20% sol	Skydrol
Fatty acids	Sodium hydroxide
Formaldehyde 37%	Sulfanic acid
Gasoline	Tartaric acid 50%
Hexamine 25%	Toluene
Hexane	Vegetable oil
Hydraoine 35%	Xylene

CLEANING

MAKE 626-100NF should be removed from tools and equipment with thinner immediately after use. Cured material can only be removed mechanically.

STORAGE & HANDLING

The product must be stored in accordance with national regulation. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed. Handle with care, stir well before use.

SAFETY PRECAUTION

Keep away from heat, spark and open flames. Avoid breathing of vapour onol, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

DISCLAIMER

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.