

19400 KANEPOX NOVA FIBER

A component: 19400 B component: 0392

PRODUCT DESCRIPTION

Novalac resin-based, two-component, fiber-filled, solvent-free, curing with modified polycycloamine hardener, which can be applied as a thick coat. It is a coating resistant to crude oil (up to 100 °C) and fuel products such as diesel, biodiesel, jet fuel (JP-8, Jet A-1), unleaded gasoline, and various chemicals. Thanks to fiber additives, adhesion, mechanical resistance, pressure resistance, chemical and water resistance are excellent.

RECOMMENDED USE

- Salt water and oil pipelines
 - Oil and oil products storage and transportation tank interior,
 - It is used as a protective coating in treatment plants that are subject to high corrosion conditions or abrasion.
- Complies with the requirements of LEED V4 – Low Emission Substances (substances with a maximum VOC content of 250 g/l)

PRODUCT CHARACTERISTICS

Finish: Gloss	Density (g/ml) 1,52 ±0,10
Colour: Crem, Grey, Green, Oxide Red	Spreading Rate (m ² /l) 2 (500 micron DFT)
Thinner: -	Flash Point : >100°C
Mix ratio (by volume) 15,6 Parts A Comp. + 4,4 Parts B Comp.	VOC (Volatile Organic Content) 0 gr/ltr
Mixed product; Volume solids (%) ~100	Application Methods Airless spray, Roller/Brush
	Pot life (20°C) 20 min

DRYING SCHEDULE(*)

(500 microns DFT)

	Dry to Touch	Hard Dry	Dry to Over Coat Minimum
10°C	10 hours	20 hours	18 hours
15°C	5 hours	12 hours	8 hours
25°C	2 hours	4 hours	3 hours
35°C	1 hours	2 hour	2 hours

Drying values are valid for defined DFT and below 80 % relative humidity
Full cure: 7 days (20°C)

Note: Drying time will increase with increasing DFT

PACKAGING

One kit **19400 KANEPOX HYGIENIC** is 20 L.
One pail of **19400 KANEPOX NOVA FIBER** component A is 15,6 L,
oOne can of **KANEPOX HARDENER 0392** component B is 4,4 L.

SHELF LIFE

The material should be stored in a cool and dry place. Shelf life of A and B components in unopened packaging is 1 year.

HEALTH/SAFETY PRECAUTIONS

Refer to the MSDS sheet prepared according to EU directives before use.

19400 KANEPOX NOVA FIBER

A Component: 19400 B Component: 0392

SURFACE PREPARATION

All surfaces to be painted must be clean, dry and free from all contamination.

New metal surfaces: Oil and grease on the metal surface should be cleaned with the help of detergent or steam. Salt and other impurities should be removed with high pressure fresh water. After cleaning, blasting should be done at least Sa 2½ level according to ISO 8501-1 standard. In applications requiring high temperature resistance, scraping level should be Sa 3. Surface roughness is recommended to be 75-125 microns. It can be applied on steel pipes, which can be coated on the same day after the surface cleaning, and also small tanks and tanks without the need for a primer. Single coat novalac scraper primer with 40 microns DFT should be applied on the surfaces, of which surface cleaning process continue for a few days or longer

MIX RATIO (by volume)

15,6 Parts AComp. +4,4 Parts B Comp.

APPLICATION CONDITIONS

For the best results;

Temperature must be more than 0°C during the application and/or the curing process.

Surface Temperature: At least 3°C above dew point.

Relative Humidity: 85% maximum.

Good ventilation is required during application.

MIXINGPROCEDURE

Care should be taken to ensure that the paint temperature is not less than 20 °C and not more than 35 °C (recommended 20-30°C) in order to obtain a homogeneous mixture. Hardener should be added to the paint, paying attention to the mixing ratio. A homogeneous mixture should be prepared using a mechanical mixer. The prepared mixture should be used within 20 minutes (20 °C) without resting. Adjustment should be made with the volume mix with Plural airless. In this application, it is recommended that A component temperature is 40 °C and B component temperature is 30 °C.

APPLICATION

Before starting paint application, welding seams, sharp corners and edges should be stripe coated. The paint mixture made ready for application should be applied in such a way that the desired dry film thickness is obtained. It should be considered that 10-15% difference can be made between wet film thickness and dry film thickness. The personnel performing the application in the tank should use a mask with fresh air outlet and equipment of ex-proof type to prevent fire hazard. In order to obtain the most appropriate result, the application time of overcoating should be maximum 3 days. In order to prevent any sagging during the application, maximum 1000 micron wet film should be applied in a single layer. Roller / Brush application should only be used for shortcuts and repairs of small areas. Thinner should not be used during application. It can be applied in 2 or 3 coats with thicknesses up to 3mm."

CLEAN UP

KANAT THINNER 0644

APPLICATION EQUIPMENT

(The table is a guide for 20°C)

Application Equipment	Airless/ Plural Spray	Roller
Thinner maximum	–	–
Pressure minimum (bar)	300	–
Nozzle(inch)	0,019-0,027	–

PRECAUTIONS

- It is recommended to use a witness panel for measuring wet film and dry film thickness.
- Consult the KANAT PAINT Project Group for surface preparation solutions where blasting or mechanical cleaning is impossible.
- If maximum time is passed in the application of paint between coats, the surface should be roughened, and if the surface was left in a dirty environment for a long time, it should be waited to dry by washing with high pressure fresh water.

Disclaimer:This product is for professional users only. In case of non-compliance with the instructions or conditions set forth in this document and other additional documents regarding the application of the product, Kanat Paints & Coatings does not accept any responsibility for any damage including but not limited to performance issues. Kanat Paints & Coatings owns all trademarks, patents and licenses mentioned in this document. All values and ratios stated are given in accordance with other values and ratios in the document. All information regarding the product is correct and appropriate to the best of Kanat Paints & Coatings' knowledge, but the factors that are not related to production process, especially external factors, and that may affect the application or use are beyond the control of Kanat Paints & Coatings. It is the user's responsibility to check the validity of this document before using the product. Technical data and instructions published by Kanat Paints & Coatings may change without prior notice. Please contact Kanat Paints for current versions or additional technical data and instructions.