

11804 KANEPOX MFF PRIMER 60

PRODUCT DESCRIPTION

11804 KANEPOX MFF PRIMER 60 is an epoxy-polyamide based, two component primer containing zinc phosphate. It is specifically designed for fast dry even at low temperatures and excellent durability in both marine and industrial environments.

Conforms to IMO Resolution A.653: Recommendation on Improved Fire Test procedures for Surface Flammability of Finish Material.

RECOMMENDED USE

Fast drying primer coat of the paint systems for medium-high corrosion protection of;

- Steel structures.
- Marine, harbour, industrial structures, below or above water.
- Exteriors of steel vessels and storage tanks .

PRODUCT CHARACTERISTICS

Finish: Matt	Density (g/ml) 1,56±0,10
Colour: Grey, Oxide Red, Beige	Spreading Rate (m ² /l) 12,00 (50 microns DFT)
Thinner: Kanat Thinner 0620 (Low Temp.) Kanat Thinner 0625 (High Temp.)	Flash Point 30°C
Mixing Ratio (By Volume) 15 Parts A Comp. + 3 Part B Comp.	VOC (Volatile Organic Content) 350 gr/l
Mixed Product; Volume Solids (%) 60±2	Application Methods Airless Spray, Conventional Spray, Roller
	Pot Life (20°C) 7 hours

DRYING SCHEDULE(*)

(50 microns/10 mils film thickness)

	Dry to Touch	Hard Dry	Dry to Over Coat Minimum
5°C	7 hours	12 hours	12 hours
15°C	4 hours	8 hours	8 hours
25°C	2,5 hours	5 hours	5 hours
35°C	1,5 hours	3 hours	3 hours

Fully Cured: 7 days (20°C)

(*) Drying time depends on temperature, humidity and film thickness.

Drying values are valid for defined dry film thickness and below 85% relative humidity.

PACKAGING

One kit of **11804 KANEPOX MFF PRIMER 60** is 18 l.

One pail of **11804 KANEPOX MFF PRIMER 60** component A is 15 l.

One can of **KANEPOX HARDENER 0330** component B is 3 l.

SHELF LIFE

Part A—1 year, Part B—1 year when the material is stored in a cool and dry place in unopened original containers.

HEALTH/SAFETY PRECAUTIONS

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

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SURFACE PREPARATION

Surfaces must be dry, clean, free of oil, grease and other foreign material.

New Steel Surfaces: Surfaces should be blasted to near-white metal surface cleanliness according to SSPC-SP10 or ISO 8501-1 Sa 2½. Surface cleanliness of St 2-St 3 according to ISO 8501-1 is sometimes allowed depending upon the conditions. Depending on ambient conditions, blasted surfaces must be primed in maximum 5 hours with **11804 KANEPOX MFF PRIMER 60**.

Previously Painted Surfaces: If the aged coating is in a good condition, it is slightly sanded and cleaned by pressurized fresh water to remove the dust and other contaminations. Otherwise remove all the cracked and peeling paint by using hand tools to a cleanliness of St 2-St 3 according to ISO 8501-1. If applicable, blast cleaning to Sa 2-Sa 2½ according to ISO 8501-1 to get better results. Water jetting is also applicable as an alternative to abrasive blasting.

The Surfaces Other Than Steel: Contact KANAT Project Group for the galvanized, aluminium, plastic surfaces.

Rusty Surfaces: Contact KANAT Project Group.

Touch-up: Remove all dust, dirt and other foreign material and keep dry. Clean the surface to St 2-St 3 level mechanically according to ISO 8501-1 and complete the touch-up application as soon as possible. **11804 KANEPOX MFF PRIMER 60** can be safely used for touch-up.

APPLICATION PROCEDURES (Mixing Procedure)

This is a two-component paint. Do not mix more material than you plan to use within the listed pot life. Complete containers must be mixed at one time.

DO NOT MIX PARTIAL QUANTITIES FROM CONTAINERS OR PROPER COMPONENT RATIOS MAY NOT BE OBTAINED.

Prior to mixing, components A Base and B Hardener should be at room temperature. Combine 3 parts by volume of Part B Hardener with 15 parts by volume of Part A Base. Homogenize the mixture with a power mixer, add thinner if before use. Mixed product must be used within 7 hours (20°C).

MIXING RATIO

Base 11804 : Curing Agent 0330
5 : 1 by volume

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

APPLICATION

Stripe coat all crevices, welds and sharp angles. Apply paint at the recommended film thickness and spreading rate. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance. Maximum coating interval is 3 months. Do not apply more than 200 microns (8 mils) WFT to prevent sagging. When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas and pinholes. If necessary, cross spray at a right angle.

CLEAN UP

**KANAT THINNER 0644, KANAT THINNER 0620,
KANAT THINNER 0625**

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APPLICATION EQUIPMENT

(The table is a guide for 20°C)

Application Equipment	Airless Spray	Conventional Spray	Roller
Thinner maximum	%10	%20	%12
Pressure minimum (bar)	175	2,5	—
Nozzle(inch)	0,015-0,021	1,6-2,2	—

PRECAUTIONS

- Contact KANAT Project Group in case surface preparation is not applicable either by blasting or mechanical.
- Recoating period is minimum 1-2 hours and maximum 3 months (20°C). Recoating interval depends on temperature, humidity and film thickness. If maximum recoating time is exceeded abrade surface, if the surface is highly contaminated apply pressurized fresh water cleaning before recoating.
- Do not apply heavy coats beyond the specification otherwise solvent popping may occur.
- Condensation forming on the coating during early times of curing may result in longer cure times, solvent entrapment, premature failure, discoloration or a surface haze or blush that must be removed before recoating.
- Low Flame Spread Rate Certificate was taken for previous code '10170' of the same product.

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