# Korabor A/F744

| | |
|---|---|
| **Product Description** | A chlorinated rubber based antifouling paint containing cuprous oxide providing very effective and extended protection against fouling.<br>Approved as TBT-free antifouling paint by Korean Register of Shipping (KR), Russian Maritime of Shipping(RMRS) |
| **Recommended Use** | General purpose antifouling paint, keel to load line, on vessels in global trade, with extended docking interval. |

## Physical Properties

| | |
|---|---|
| **Finish and Color** | Flat. Red Brown, Dark Brown |
| **Specific Gravity** | Approx. 1.70 |
| **Solids by Volume** | Approx. 50 % (Determined by ISO 3233) |
| **Theoretical Spreading Rate** | 4 ㎡/L in 125 ㎛ dry film thickness on a smooth surface. |
| **Flash Point** | 26 ℃ /79 °F (Closed cup) |
| **VOC** | Max. 450g/L (Determined by ISO 11890-1) |

## Application Details

| | |
|---|---|
| **Surface Preparation** | Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc. |
| **Preceding Coat** | Korabor Aluminum H.B RH248, Korepox H.B EH2560 or according to specification.<br>*Renewal : High pressure fresh water hosing to remove salt deposits and other contaminants. Allow surface to dry before recoating with Korabor A/F744. |
| **Application Method** | Spray (Airless or Air), Roller or Brush application.<br>For airless spray application ;<br>Nozzle orifice : 483 ㎛ ~ 584 ㎛ (0.019″ ~ 0.023″)<br>Output pressure : 13.8 MPa ~ 19.7 MPa<br>Fan : 40 ~ 60 °<br>(Airless spray data are indicative and subject to adjustment) |
| **Mixing** | One-component |
| **Thinning** | Thinner No. 002<br>Recommended thinning ratio : Max. 3% (by volume)<br>Please consult the KCC TSD for advice in severe conditions |

# Korabor A/F744

**Application Conditions**

The surface should be adequately clean and dry. Do not apply when relative humidity is above 85 %.
The surface temperature should be at least 3 ℃ (5 ℉) above dew point to prevent condensation.
In confined areas, ventilate with clean air during application to assist solvent evaporation.

**Typical Film Thickness**

125 ㎛ dry.
Two (2) or Three (3) coats are recommended with different color of consecutive coats.
Depending on the purpose and the area of use, different film thickness may be applied..
This will alter spreading rate and may influence drying time and recoating interval.

**Drying Time**

| Substrate temperature | 5 ℃/41 ℉ | 20 ℃/68 ℉ | 30 ℃/86 ℉ |
|---|---|---|---|
| Set to touch | 8 h | 2 h | 2 h |
| Dry th ough | 24 h | 12 h | 8 h |

* These are the results from laboratory tests done under standardized conditions. Thus, actual times may be different due to environment situations such as weather, wind and humidity, etc

**Subsequent Coat**

According to specification

**Pot Life**

One-component

**Recoating Interval**

At 20 ℃ /68 ℉, Minimum : 6 h
Maximum : Free

Before overcoating, remove any oil, salt, chalking material and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.

**Heat Resistance**

No data.

## Storage and package

**Shelf Life**

12 months (at 23℃)

**Standard Packing Unit**

15 L, 18 L

## Remarks

**Note**

Avoid contact with skin and inhalation of paint mist or solvent vapor.
In case of eye contact, the eyes should be rinsed immediately by fresh water continuously for at least 15 minutes. Doctor's advice is recommended.
In case of skin contact, the exposed area should be cleansed thoroughly with soap and water.
Contaminated clothing should be removed and laundered with soap and water before reuse.
In case of ingestion, swallow promptly a large quantity of milk, egg white or gelatin as a first aid. (If these are not available, drink a large quantity of water instead.) And obtain immediate medical attention.

**Issued**

April 2021