



# KINGFISHER

Paint your dreams

## PAINTINGPRENE

www.kingfisheritaly.it



## SELECTION & SPECIFICATION DATA

Single pack elastomeric liquid based on stiroacriliche modified resins in water dispersion. Coalescing technology.

### Description

Pigmented resin highly elastic, homogeneous and isotropic.

It ensures high adhesion on neoprene, excellent resistance to sunlight, salt water and mechanical stress.

Paintingprene is the first product specifically designed for painting neoprene, its formula is unique, patented, and was created specifically for this purpose.

### Features

- Applicable in single layer and overcoatable respecting the maximum thickness of 150 microns dry.
- resistant to immersion in salt water at temperatures between -5 ° C and + 45 ° C.
- Good resistance to abrasion and folds.
- Resistant to sunlight virtually maintains the original color.
- Elongation at break greater than 300%

### Colours Available

|        |          |
|--------|----------|
| YELLOW | RAL 1021 |
| RED    | RAL 3020 |
| BLUE   | RAL 5005 |
| GREEN  | RAL 6002 |
| BROWN  | RAL 8011 |
| WHITE  | RAL 9003 |
| PINK   | RAL 4003 |
| GOLD   | RAL 1036 |
| SILVER | RAL 9006 |

May be products specific RAL on request.

Paintingprene can be mixed between different colors to obtain a new and personalized one.

### Sheen

Matt or shiny depending on the color.

### Film thickness

100 microns Dry on neoprene in single layer.

Do not exceed a thickness of 150 microns dry.

In practical use it is recommended to apply the color until you find optimal surface copretura without creating product accumulation.

### Solid content

By Volume: 62% ± 2%

## MIXING & THINNING

### Mixing

Mix carefully before use, avoid excessive speed mixing so as not to entrap micro bubbles of air in the product.

### Mixing ratio

Mono component.

### Thinning

May be thinned up to 35% by volume with distilled water.

### Pot-life

The pot-life once opened the container ends when coating becomes too viscous to use.

## APPLICATION CONDITIONS

### Material conditions, Ambient RH%

Temperature range for application MIN 8°C-40°C MAX

Do not apply when the surface temperature is at least 3 ° C (5 ° F) above the dew point.

Do not apply if the RH% (relative humidity) is above 80%.

## CURING TIME

### Polymerization and immersion service

Data referred to 23 ° C and 50% RH:

Surface dry, 30 minutes.

To touch, 1 hour.

Complete curing: 10 hours before immersion service.

The times given are for dry film thickness of 75-100 microns. Thicknesses higher, insufficient ventilation or cooler temperatures will require longer curing times and could lead to entrapment of water which can lead to a premature deterioration of the film.

Excessive humidity or condensation on the surface during polymerization, can interfere with the crosslinking process.

## SURFACE PREPARATION

### General

The neoprene surface must be clean and dry.

To achieve a strong adhesion and a lasting result is important degrease properly neoprene through the use of appropriate solvents.

Pour the solvent directly on neoprene to be painted and rub vigorously with a clean white cotton cloth until the cloth appears free from blackish obvious traces. Wait for the complete evaporation of the solvent, and proceed with the application.

### Surfaces with old paint

Paintingprene hardly tolerate other solvent-based paints, and it is never advisable to use the product over old paint, if necessary, remove the old paint with the same procedure described in paragraph above and then apply Paintingprene.

## APPLICATION INSTRUCTIONS

### Application by conventional spray and airbrush

Conventional spray and airbrush technique are excellent to achieve the desired camouflage effects.

### Brush and Roller

Multiple coats may be required to achieve the look you want, being careful not to exceed the maximum recommended thickness.

### Sponging and dripping

Sponging and dripping can be used as techniques to achieve special camouflage effects, it is important to not drop too much of the product charges in the middle.

### Overlapping of colours

If you want different overlapping colours remain distinct is important to wait until the first colour applied is dry to the touch before applying the next. You can get a good result by overlaying different colours without waiting for drying, in this case, you should apply the successive colours within a few minutes.

## CLEANUP & SAFETY

### Cleaning

For cleaning tools and work surfaces within a few minutes it is sufficient to use the tap water otherwise solvent.

### Safety

Read and follow all the precautions in this data sheet.

Employ normal workmanlike safety precautions.

### Ventilation

When used in confined areas, a good air circulation must be maintained throughout the period of application and curing.

### Precautions

The product is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP).

However, it can cause allergic reactions of hypersensitive persons.

## PACKAGING, HANDLING & STORAGE

### Standard packaging

1 liter, 250 ml and 30 ml

### Storage

Store indoors, away from direct sunlight and at temperatures between 3 ° C and 35 ° C.

### Product lifetime

12 months at 24 ° C sealed and in shade zone.