

## NX194

Epoxy finish for foils and appendages



The above colours are not applications of our paints and are given for information only.

### SUBSTRATE

Epoxy



8m<sup>2</sup>/L



## DESCRIPTION

NX194 is a very hard, abrasion-resistant underwater paint recommended for protecting appendages (rudders, leading edges, daggerboards, foils, etc.). It contains a polyamide epoxy resin and specific additives to give a smooth finish and minimise solid rubbing of the appendages in their housing. NX 194 is applied over a thin epoxy primer such as PE.

## MAIN FEATURES

COVERAGE	<b>8m<sup>2</sup>/L per layer</b> <small>(see «application» section for details)</small>
DRY EXTRACT	<b>50-55 (% volume)   65-70 (% weight)</b>
VOLUME RATIO	<b>7 base   3 hardener</b>
WEIGHT RATIO	<b>75g base   25g hardener</b>
FLASH POINT	<b>21°C &lt;FP&lt; 55°C</b>
UNIT SIZE	<b>0,75L</b>
TYPICAL SHELF LIFE	<b>5 years</b>
THINNER / CLEANER	<b>Nautix DE</b>
COLORS	<b>Fluorescent Yellow, Fluorescent Orange, White, Black</b>
FINISH	<b>Satin</b>

### DRYING AND OVERCOATING

TEMPERATURE	10°C	15°C	20°C	30°C
Life pot	10h	6h	4h	3h
Touch dry	6h	4h	2h	1h30
2nd layer*	6h-24h	6h-12h	5h-10h	4h-8h
Sandable	48h	24h-36h	20h-36h	16h-36h
Immersion	7j	3j	48h	36h

*h=hours min=minutes*

*\*Minimum overcoating time recommended*

## SURFACE PREPARATION

### ON EXISTING PRIMER OR HEALTHY EPOXY PAINT

- Degrease the surface with Nautix SD.
- Rinse with fresh water and allow to dry.
- Wet sand the surface with P120-150.
- Make sure the surface is dry, free of grease and dust.

### ON APPARENT COMPOSITE

Make sure there are no pores, pinholes or visible cross-wires.

If not, scrape with a pore filler or IMPREGARD to avoid blistering where the surface is less watertight.

- Polish with P120, rinse with fresh water, leave to dry and degrease with Nautix SD.
- Apply 2 thin coats of a PE or U2 epoxy primer.
- Remove with P120 or 150, rinse with fresh water, leave to dry, degrease with Nautix SD.

### SPECIAL ADVICE

Nx194 must be applied over Nautix PE or U2 primer. Any other primer is not recommended.

Fluorescent colours must be applied over U2 primer.

### HINTS

- Mix the base thoroughly before adding the hardener. Mix only as much as you need.
- Allow the mixture to stand for 10 minutes before application.
- Do not over-dilute to avoid damaging the paint film.
- Application methods: spray gun. Do not apply with a roller or brush.
- Apply between 10 and 30°C (ideally with humidity below 85%).
- Do not paint a surface if there is the slightest risk of condensation forming on the surface (dew point): The temperatures of the ambient air, the substrate and the product must be very close.
- Avoid application in adverse weather conditions: strong wind, direct sunlight, high/low temperatures, high humidity or rain.
- Allow solvents to evaporate naturally. Do not heat the ambient air after application has begun. Do not use forced ventilation directly on the surface.

### APPLICATION

#### SPRAY GUN

- 2.0 bar, nozzle 1.6mm to 2.0mm.
  - Dilution (volume): Nautix DE 5 to 20%. Use as little thinner as possible.
- Do not dilute until the base-hardener mixture has been mixed.

- Can be wet sanded (600 grit, then 800 or 1000 grit) within 48 hours of application for an optimum finish, reducing surface friction in the daggerboard/wing well.
- If antifouling (fluorescent) is to be applied to the tip or leading edge of the appendage, roughen the surface with 120 or 150 grit before the paint has thoroughly dried.

#### IMPORTANT

NX194 can be applied to damp PE, U2 or NX194. In this case, it is important to overcoat only once the solvents have evaporated, so as not to trap them under the next coat, and before the resin has completely cured (paint still slightly sticky, but without leaving marks on the finger). If not applied wet, roughen the surface with a P 150 whenever possible. Allow to harden completely before use.

#### INFO

**Number of coats: 2 minimum**  
**Theoretical coverage per coat: 8m<sup>2</sup>/L**  
 Recommended WFT\* per coat: 50-80µm  
 Recommended final DFT\*\*: 60µm

\*WFT: Wet Film Thickness / \*\*DFT: Dry Film Thickness

### INFORMATIONS

#### OPERATOR PROTECTION

- Paint for amateur and professional use.
- Before use, read this sheet, the label and the product information carefully.
- Work in a well-ventilated area and wear protective clothing, gloves, goggles and a suitable mask.

#### TRANSPORT AND STORAGE

- Paint must be transported and stored in hermetically sealed containers that are not permeable to solvents.
- Do not expose to open air, sunlight or extreme temperatures. To keep the product in good condition, recap the can after use, turn the jars upside down and store between 10°C and 25°C. Do not expose to sunlight.

#### SAFETY

- Read the label and product information before use. Observe the precautions for use. Carefully read the safety advice given in the Health and Safety section, which is also available from Nautix and its dealers.
- All professional operators must wear appropriate protective clothing: overalls in a colour that contrasts with the product being applied, a disposable hooded undersuit, appropriate gloves and protective footwear that protects the lower limbs. Wear a respirator when spraying.

#### DISPOSAL

- Empty cans and soiled waste must be disposed of in accordance with current municipal regulations on the treatment of hazardous products, for example by taking them to a waste collection centre or using dedicated bins. Do not dispose of waste in drains or waterways. Use the bins provided. It is advisable to allow paint residues to harden before disposing of them.

#### GENERAL

- The information given in this sheet is not exhaustive. Anyone using this product for purposes other than those recommended, without prior written confirmation from us as to the feasibility of such use, does so at their own risk. Nautix cannot be held responsible. This information is subject to change without notice.