

## INNO-SEAL FOX PURMAX® BETOP FS774

### Chlorine-Rubber Based, Solvented, UV Resistant, Aliphatic, Pool Chemicals Resistant Finish Coating Material

#### Description

**FOX PURMAX® BETOP FS774** is a top coat coating material, chlorine-rubber based, solvent based, UV resistant, and aliphatic, one component, ready to use, resistant to pool chemicals, acid, chlorine, oxidizer and bleaching chemicals.

#### Fields of Application

- Swimming pools,
- Ornamental pools,
- In protection of the concrete surfaces.

#### Advantages

- One component, ready to use,
- Easily applied with brush,
- Can be applied with airless spray gun,
- Does not effected from the sun rays,
- Aliphatic feature,
- Cures fast,
- Has high bonding strength,
- Resistant to freeze and thaw effect.

#### Technical Features

Structure of the material	Chlorine Rubber
Density	1,12 kg/m <sup>3</sup>
Color	Ultramarine blue, Ultramarine green, Beige
Total solid substance	%40
Application surface temperature	+10°C / +30°C
Service temperature	-20°C / +60°C
Fully cures in	14 days
Pedestrian traffic	24 hours
Delay between overlying	16 hours minimum

The values above are given for +23°C and 50% relative humidity. While higher temperatures shorten the period, lower temperatures extend it.

#### Application Procedure

##### Surface to be Applied

**FOX PURMAX® BETOP FS774** is applied only to plastered and concrete surfaces. After sealing with cement based **FOX MULTISEAL FS478** and so on, plaster should be done with **FOX BASEMOR FC205**. In very hot weather you can increase the consistency and strength of the mortar you prepare by entering **FOX BENDER FM125** into your plaster cast. The application of **FOX PURMAX® BETOP FS774** should then be started in 2 coats.

##### Preparation of the Substrate

Oil, grease, fuel and paraffin wastes must be removed, as well as completely free of mold release agents, cement residues, chips, loose particles and cured membranes. Surface defects, uneven surfaces and corner edges should be repaired with **FOX MORTAR FC188 T** repair mortar to be at least 4 cm radius in diameter. If there is any other coating on the surface, it should be wiped until reaching concrete. Make sure that the surface is not damp or wet. Otherwise, flaking and spillage may occur.

##### Mixing

**FOX PURMAX® BETOP FS774** is ready for use. **FOX PURMAX® BETOP FS774** contains pigment. Continue mixing for 1-2 minutes until a homogenous mixture is obtained with an electric mixer and the appropriate mixer head. Avoid excessive mixing to reduce air drag.

Mixing tools: An electric mixer (300 rpm - 400 rpm) and a suitable mixer head.



## Application

The new concrete must be at least 4 weeks old before application of **FOX PURMAX® BETOP FS774**. Existing gaps, uneven surfaces should be filled with FOX MORTAR T FC 188 T repair mortar, corners should be chamfered at least 4 cm wide. **FOX PURMAX® BETOP FS774** is thinned with 30% BETOP Thinner and applied as a primer with a suitable brush or special spraying machine. The application of the second coat **FOX PURMAX® BETOP FS774** should be started after a minimum of 16 hours from the primer application. The second coat application is done with a brush or airless machine without thinning. Application with rolls causes air bubbles on the surface, so it should be avoided by roller application. Pay attention to product consumption. White stains and blisters can occur on thick coated surfaces. Because **FOX PURMAX® BETOP FS774** is breathable.

## Old FOX PURMAX® BETOP FS774 Applied Surfaces;

The old paint on the surface must be removed or the adherence of the concrete should be checked. If it does not have adequate adherence, it should be removed from the old paint surface by mechanical methods. The chlorine in the old painted surface should be cleaned with lime etc., the surface should be cleaned with **FOX PURMAX® BETOP TINER**. **FOX PURMAX® BETOP FS774** is applied in two coats without thinning with the appropriate brush or airless machine. A minimum of 16 hours between coats is to be expected. Application with rolls causes air bubbles on the surface, roller application should be avoided. Pay attention to product consumption. White stains and blisters can occur on thick coated surfaces. Because **FOX PURMAX® BETOP FS774** is breathable.

## Pool Water Filling

The full hardening time of the paint should be expected for water filling after application. You need to wait approximately 14 days. Pool water filling should be done slowly.

## Flap Up Conditions

The product of swelling and thickening is caused by wrong conditions and improper application. **FOX PURMAX® BETOP FS774** must be applied to a clean and dry surface. Thick application should not be done with **FOX PURMAX® BETOP FS774**. If the pool is not well cleaned, thick application is made, or if there is not enough waiting after application between the floors, swelling, uptake and white stains can be seen. Insufficient insulation may cause the removal coating coming of the pressurized water from the reverse side to the applied surface. Application with rolls causes air bubbles on the surface, so it should be avoided by roller application.

## Cleaning of the Tools

After the application tools and equipment used should be cleaned immediately with **FOX BETOP TINER**. **FOX PURMAX® BETOP FS774** can only be mechanically cleaned after hardening.

## Consumption

1<sup>st</sup> layer 50-60 gr/m<sup>2</sup> (Primer layer)

2<sup>nd</sup> layer 50-60 gr/m<sup>2</sup>

## Watch Points

- The ambient and surface temperature to be applied should not be below +10°C or above +30°C.
- Relative air humidity should be 80% maximum.
- Application should not be done under direct sunlight.
- Avoid applying thick coats in applications. Always double coat application.
- Ventilation is required where there is insufficient air flow.
- Drying times between coats should be considered during application. The drying time between coats is at least 16 hours; this may vary according to ambient temperature, soil temperature, soil moisture and air humidity.

## Package

5 kg Tin bucket

20 kg Tin bucket

## Shelf Life

Shelf life is 6 months from the date of production, when stored properly at room temperature, away from direct sunlight between +5°C to +30°C.

## Storage

The product should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 3 palettes should be placed on top of each other and the shipment should be made on a 'first come, first go' basis. Palettes should not be placed on top of each other during long term storage.



### Health and Safety Precautions

It is dangerous to approach the application sites with fire. Fresh air should be circulated in the storage and the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

For detailed information please consult the Material Safety Data Sheet.

### Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. SARTECH Yapı Malzemeleri San. ve Tic. Ltd Şti. is only responsible for the quality of the product. From the results that may occur due to misuse and other than written suggestions about where and how to use the product, SARTECH Yapı Malzemeleri San. ve Tic. Ltd Şti. cannot be held responsible. The responsibility of the correct application of our product belongs to the user. Our company is only responsible for the quality of the product. This technical form is valid only till a new version is implemented and nullifies the old ones. Our company has the right to make changes in all kinds of information and content details in this catalog. It is imperative to check that the information in the catalog is current and valid. All rights reserved.

