

INNO-DECO

FOX DOMINO® POLYMER SG

Water Based Copolymer Compound

Description

FOX DOMINO® POLYMER SG is a water-based copolymer, liquid polymer material developed specifically for the **FOX SAGALASSOS** system.

Fields of Application

- Indoor and outdoor, vertical and horizontal applications,
- In heated screeds, balconies and terraces,
- Can be used in **FOX SAGALASSOS** system.

Advantages

- Easy to prepare and apply.
- Increases adhesion.
- Reduces water absorption.
- Increases chemical resistance.
- Increases scratch resistance.
- Makes the product mixed with more flexible.

Technical Features

Structure of the Material	Special Polymers
Density	1,01 kg/lt
pH	8-10
Color	White
Consistency	Liquid
Solids by %	20-25%
Application Surface Temperature	+5°C / +30°C
Application Temperature	+5°C / +30°C

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend it.

Application Procedure

Surface Preparation

Care should be taken that the application surfaces are solid, dry carrier, dust-free and clean. The surface must be thoroughly cleaned of all kinds of oil, grease, rust and paraffin residues that will weaken its adherence and must be cleared of loose particles.

Mixing

FOX DOMINO POLYMER SG is put into a clean mixing bowl. **FOX DOMINO BASECOAT BC** bag is opened and added slowly into the polymer, while it is mixed with a 400-600 rpm mixing drill for about 3 minutes until it becomes homogeneous. There should be no lumps and lumps in the material. After the material is rested for 60 seconds, it is mixed again for 1 minute and made ready for application. Different polymer ratios and different mixing methods can cause unwanted color differences.

Mixing Ratio

For 25 kg of **FOX DOMINO BASECOAT BC** powder 6,0 kg of **FOX DOMINO POLYMER SG** should be used.

Cleaning of the Tools

After the application, used tools and equipment should be cleaned with water. **FOX DOMINO® POLYMER SG** can only be removed from the surface mechanically after hardening.

Coverage

For 1 kg of **FOX DOMINO BASECOAT BC** powder, 240 gr of **FOX DOMINO POLYMER SG** should be used.



Watch Points

- In the application of **FOX SAGALASSOS** system, if the ambient and surface temperature is below +5°C or above +30°C, suitable temperatures should be expected.
- The applied fresh product should be protected from sunlight and wind so that it does not dry quickly.
- The application should not be done in extremely hot, rainy or windy weathers.
- The materials to be used in the application area should be brought and stored 1-2 days in advance and it should be ensured that they adapt to the ambient conditions.
- In applications to be carried out in extreme cold weather, it should be ensured that the temperature of the environment and ground be increased with heaters, the materials to be used should be conditioned at +20°C - +25°C and made ready for application.
- Working and reaction times of cement-based systems are affected by the environment and ground temperature and relative humidity in the air.
- At low temperatures, the reaction slows down, which increases the pot life and working time.
- High temperatures accelerate the reaction and the times stated above are shortened accordingly.
- For the material to complete its curing, the ambient and ground temperature should not fall below the allowed minimum temperature. After mixing, the material should be rested and then mixed again.

Package

6 kg bin

Shelf Life

When stored properly at room temperature, away from direct sunlight between +5°C and +30°C, its shelf life is 12 months from the date of production. Opened packages should be consumed within 1 week by sealing.

Storage

It should be stored in its unopened original package, in a cool and dry environment, 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 in, first out system. Palettes should not be stacked on top of each other during long term storage.

Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated.

During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, the material should not be contacted with the skin and eyes, if contacted, should be washed immediately with plenty of water and soap, and if swallowed, should be sought medical attention immediately. Foods and drinks should not be taken into the application areas. The material should be stored out of the reach of children.

For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

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