

# INNO- SEAL FOX MULTIPLUS® DUALGUM PRIMER 1K DG

## Polyurethane Based, One Component, Solvented Primer

### Description

**FOX MULTIPLUS® DUALGUM PRIMER 1K DG** is a polyurethane based, one component, solvented, flexible, waterproof, fast curing, low viscosity primer.

### Fields of Application

- As a primer under **FOX DUALGUM®** series bitumen waterproofing coatings,
- As adherence enhancer on metal surfaces, on geo-membranes such as TPO, PVC.
- As a transition primer on **FOX DUALGUM®** series insulation materials,

### Advantages

- It is used indoors and outdoors,
- Provides perfect adherence,
- Has excellent chemical resistance,
- High adhesion strength,
- Flexible,
- Easy to apply,
- Liquid impermeable,
- Has hydrophobic (water repellent) feature,
- Does not contain volatile organic matter (VOC-solvent).

### Technical Data

|                         |  |
|-------------------------|--|
| Structure of Material   | Polyurethane, Prepolymer solvent based |
| Density                 | 0,98 gr/cm <sup>3</sup>                |
| Color                   | Black                                  |
| Application Temperature | +5°C / +30°C                           |
| Drying Time             | 4-6 hours                              |
| Fully Cured Time        | 1 day                                  |

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

### Application Procedure

#### Surface preparation

The surface to be applied must be solid and free from any oil, grease, rust, paraffin, paint that will prevent adhesion to the surface.

#### Application Conditions

- Surface moisture content should be below 4%.  
Test method: CM - measurement or drying in the oven method.
- There should be no rising humidity according to ASTM. (Polyethylene cover test). The relative air humidity should be 80% maximum.
- Be careful about dew and condensation!
- Dew and water vapor condensation on the floor that has not been applied or newly coated will damage the coating.
- To prevent this, the surface temperature must be above +8°C.

#### Watch Points in Application

Surface Temperature ; Minimum +8°C - Maximum +30°C  
Ambient temperature ; Minimum +10°C - Maximum +30°C  
Temperature of the Material; Minimum +10°C - Maximum +30°C

#### Mixing

Since **FOX MULTIPLUS® DUALGUM PRIMER 1K DG** contains pigment, the product should be mixed with a 400 - 600 rpm electric mixer until it becomes homogeneous.



### Application

The **FOX MULTIPLUS® DUALGUM PRIMER 1K DG** product is applied by roller, brush or spraying. Make sure that the application is made on the whole surface without any gaps. After applying **FOX MULTIPLUS® DUALGUM PRIMER 1K DG**, minimum of 24 hours and maximum 48 hours should be waited for another coating. In cases exceeding 48 hours, primer must be applied again.

### Cleaning of the Tools

Tools and equipment used after the application should be cleaned with solvent and polyurethane thinner. **FOX MULTIPLUS® DUALGUM PRIMER 1K DG** can only be mechanically cleaned from the surface after hardening.

### Coverage

150-250 gr/m<sup>2</sup>

### Watch Points

- The materials to be used must be brought to the application site 1 - 2 days in advance and must adapt to the environmental conditions.
- In applications to be carried out in cold weather, the ambient and ground temperature should be increased, and the packages should be prepared at +20/25°C and ready for use in order to increase the processability of the products.
- Rain, dust, wind, animals and pests should be prevented from entering the building while the coating is fresh.
- In resin-based systems, pot life and curing times are affected by ambient temperature, ground temperature and humidity in the air. Curing slows at low temperatures, which increases pot life, overcoating time and working time. Curing accelerates at high temperatures, which shortens pot life, overcoating time and working time. In order for the entire product to complete its curing, the ambient and ground temperatures should not be lowered below the minimum temperature levels given. After the application is completed, the coating should be protected from direct water contact for at least 24 hours. If water contact occurs, there will be softening and blistering on the coating, which will cause the coating to lose its properties. Therefore, the coating should be completely removed and remake.
- Consumptions are given for ideal conditions where ambient and surface temperatures are considered as 20°C. Actual consumption may vary depending on the surface structure and ambient temperature. It should be remembered that consumption will increase in bad surfaces and cold weather conditions.
- Mixing must be done with an electric mixer of 300-400 rpm/min and the specified epoxy / polyurethane resin mixing tip. In case of not mixing with the specified mixing tip, air will be dragged into the product, which will cause air bubbles to form on the coating after application.

### Package

10 kg tin bucket

### Shelf Life

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

### Storage

Should be stored in its original package, in a cool and dry place protected from frost. In short-term storage, maximum 3 pallets should be placed on top of each other and shipment should be made with the first-in, first-out system. In long-term storage, pallets should not be placed on top of each other.

### 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

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.

