



## Protection layer

SPORT

**CODE : DF900-001    CLEAR**

### DESCRIPTION

**Protection layer** is a One-component water based acrylic clear varnish used as a floor protective layer on all types of acrylic system and can be used directly on concrete surfaces with hydrophobic properties which give it excellent chemical resistance , scrub resistance ,high durability , deep penetration into the substrate to fill all defects and protect it against chemicals and U.V . so it is designed for out door application

### PROPERTIES

- Water born system easy application
- Fast drying
- Easy surface preparation
- Highly filling properties.
- Water resistant & dust proofing
- Excellent adhesion
- Chemical resistance
- Excellent durability
- High transparency
- Semigloss finish
- UV resistance

### BASIC DATA

<b>Application Methods</b>	<i>by brush, roller or spray</i>
<b>Type of binder</b>	<i>acrylic water based</i>
<b>Drying time</b>	<i>8 hours/25C</i>
<b>Density</b>	<i>1.05-1.1 kg / Lt</i>
<b>Color</b>	<i>transparent</i>
<b>Viscosity</b>	<i>80-100 SEC/20C</i>
<b>Flash Point</b>	<i>non</i>
<b>Covering rate</b>	<i>3 - 4 sq. m/one coat</i>

## WHERE TO USE

**Protection layer** can be used as a protective layer on top of acrylic system by dust proofing and water & chemical resistance and also used as a clear primer on concrete floor as a sealer after special additives

## PREPARATION OF SURFACE

Remove all types of oils, grease, dust & water and remove all cracks materials. Damaged area should be repaired by next compound

-unifiller fine	75%
-water	7 %
<b>DF900-001</b>	18%

## MIXING

### **Protection layer**

<b>-DF900-001</b>	<b>85-90%</b>
<b>-Water</b>	<b>10-15%</b>

## APPLICATION METHOD

- Apply the **DF900-001** by using a brush , roller or spray guns in tow coats (4 hours between coats) and recoat if required to give higher thickness
- After about 24 hours we can use the coated surface
- Tools can be cleaning with water

## PRECAUTIONS

- Minimum age of concrete: 3 - 6 weeks, depending on climate.
- Maximum ambient and substrate temperature: +30°C.
- Minimum ambient and substrate temperature: +10°C.
- Maximum relative humidity: 75%
- Moisture content of substrate: <4%

## PACKAGING:

**Protection layer** is available in **50** kg plastic drums

## STORAGE

12 months in original closed cans in dry & cool place

## HEALTH AND SAFETY

- All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety & Environmental standards and regulations
- Prior to use, obtain, consult and read well the Material Safety Data Sheet for this product and follow all precautionary notices.
- Take precautions to avoid inhalation of spray mist, skin, mucous membrane and eye contact by the use of safety equipment (gloves, goggles, face masks, barrier creams etc.) and other personal protection.
- If skin comes in contact, it should be thoroughly flushed and washed with fresh water and proprietary cleanser and soap
- Eyes should be cautiously washed with fresh water or proprietary wash and medical attention obtained
- Don't use solvents for skin cleaning
- Equipment and tools to be cleaned immediately after use with clean water
- Don't dispose of water or soil but according to local regulations
- Keep labeled until decontaminated

**Notice:**

**1- Whereas the paint contains volatile organic solvents, it must be used in ventilated areas and stored away from flammable sources. .**

**2-For more information and technical consultation, please contact technical department of Kafsports company 01126484032**