



# Technical Information

## Frimpeks Waterbased Varnishes

102223 WATER BASED COATINGS GLOSS 51203

### Product Information:

102223 is a gloss protective overprint lacquer. Suitable for separate and in line coating units and both for wet-on-wet and wet-on-dry applications. It is used in lacquering of cardboards and coated papers to get slip, gloss and protective property. It is also suitable for packaging of detergent, soap.

### Typical End Use

Magazines, Posters, Brochures, Leaflets, Packaging

### Typical Properties

Fast curing, Excellent rub and scratch resistance, High resistance to light (non yellowing), can be processed immediately

### At a Glance

Gluable/Imprintable	No
Flexibility	Very Good
Mechanical Resistance	Good
Suitable for In-Line	Yes
Can be Applied via Pump	Yes
Suitable Direct Food Contact	No

### Technical Data

Viscosity @ 22°C Ford Cup	35 – 45 sec
pH	8.0 – 8.5
Solid Content (130°C /3h)	35 – 38 %

Liquid Appearance	White
Odor	Low
Gloss	75+ at 60° Reflection

### Recommended Application

This product is designed to be applied through the varnishing unit of an offset press.

To get the optimal performance the recommended application is app 3-4 Gr/m

### Processing

Please make your own tests, for the needed specific demands, before extended production periods.

### Equipment and Drying

Depends on the efficiency of the dryer, the quantity of coating applied and the substrate

### Cleaning

Appliance and other equipment can be cleaned with water after use.

### Shelf Life and Storage Conditions

Water based varnish cans and drums must be store tightly closed where in door conditions are protected from continuous sun light and temperatures higher than 40°C

NORMAL STRORAGE DURATION: 1 year

### Safety

During handling and use the user should avoid inhalation of vapors as well as direct eye or skin contact. Protective eyewear and latex gloves are recommended while using this product. Consult the SDS for additional handling and safety information.

### Packaging

This product is available in:  
200 KG Iron Drums  
1000KG IBC

### Transportation

Non-dangerous goods. Cannot be transported in freezing temperatures, and product should be brought to room temperature prior to use.

#### Disclaimer:

The statements listed on this publication are according to our best knowledge. The statements do not exonerate the user from their own responsibility to determine that our products are suitable for their processes. They are intended to inform and advise and are subject to influence from the technical process. This edition of August 5, 2021 replaces all previous editions. With the present edition all older editions are null and void.