



Technical Information

Frimpeks Waterbased Varnishes

103292 WATER BASED DIGITAL PRIMER 53015

Product Information:

103292 is part of FRIMPEKS' innovative 53015 family of primers specifically developed for pigmented water-based printing and inkjet applications. It is formulated for coated offset substrates and is an effective primer for high-speed commercial printing applications. It is also effective in paper packaging applications such as folding carton and corrugated. 103292 is non-corrosive, offers increased productivity, and superior print quality at higher line speeds.

Key Benefits

- Maintains sheet appearance for use after priming, including gloss level
- Enriches image quality through reduced bleed and mottle
- Allows for increased productivity at higher line speeds
- Less harsh on printers and priming equipment due to a non-corrosive formulation

Typical End Use

Papers, synthetic

Typical Properties

Low Odor, Solvent Free, can be further processed immediately

At a Glance

Gluable/Imprintable	Yes
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 @ 25°C Ford Cup	20 – 30sec	Liquid Appearance	White
pH	8.0 – 8.5	Odor	Low
Solid Content (130°C /3h)	35 – 38 %	Gloss	80+ at 60° Reflection

Recommended Application

Roller Coater, Anilox
Dilution not recommended
Recommended application is app. 1.5 - 2.0 GSM (Wet film weight), in order to get the optimal performance.

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 STORAGE 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 October 27, 2022 replaces all previous editions. With the present edition all older editions are null and void.