



Technical Information

Frimpeks Waterbased Varnishes

51113 WATER BASED COATINGS OFFSET GLOSS 51113

Product Information:

51113 is a water based coating specially designed to work on Offset applications. It is designed to be applied through the varnish unit of an Offset Press. The air drying product can be further processed immediately. It creates an even, smooth surface with high gloss and good scuff resistance, with good flexibility for scoring and folding.

Typical End Use

Magazines, Posters, Brochures, Leaflets, Packaging

Typical Properties

Low Odor, Solvent Free, can be further 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	45 – 55 sec
pH	7 – 8
Solid Content (130°C /3h)	40 – 45 %

Liquid Appearance	White
Odor	Low
Gloss	70+ 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 stored 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 August 5, 2021 replaces all previous editions. With the present edition all older editions are null and void.