



Technical Information

Frimpeks Water-based Varnishes

102485 WATER BASED COATING OFFSET MATT 51410 LV

Product Information

102485 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 a matte finish and good scuff resistance, with good flexibility for scoring and folding.

Typical End Use

Magazines, Posters, Brochures, Leaflets, Packaging

Typical Properties

Low Viscosity, 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	30 – 40 sec	Liquid Appearance	White
pH	8.0 – 8.5	Odor	Low
Solid Content (130°C /3h)	28 – 30 %	Gloss	Less than 10 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 approx 3-4 Gr/m²

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 indoor conditions are protected from continuous sunlight and high temperatures. The optimal storage temperature is between 5°C to 35°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 April 5, 2023 replaces all previous editions. With the present edition all older editions are null and void.

Frimpeks Kimya ve Etiket Sanayi Ticaret A.Ş.

Vellimeşe Organize Sanayi Bölgesi Mah. 236.sok. No:7/1 Ergene - Tekirdağ/ Turkey
T +90 282 674 5200 - frimpeks.com - uv@frimpeks.com