



# Technical Information

## Frimpeks Water-Based Products

### 53010 WATER BASED COATINGS PRIMER 53010

#### Product Information

53010 is a primer designed to improve anchorage of microsphere adhesive to paper substrates. Not suitable for filmic substrates.

#### Typical End Use

Primer for Paper Substrates

#### Typical Properties

Low Odor, Solvent Free, can be further processed immediately

#### At a Glance

Coating

Mayer bar, Gravure systems

Ageing

Primer viscosity may increase if pH value is below 10.

Increase pH by adding 25% ammonia solution until range between 10 and 11 is achieved

Mechanical Resistance

Good

#### Technical Data

Viscosity @ 22°C Ford Cup

90 – 110 sec

pH

8.0 – 8.5

Solid Content (130°C /3h)

45 – 50 %

Liquid Appearance

White

Odor

Low

Gloss

85+ 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 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.

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