

# metaFLEX SP

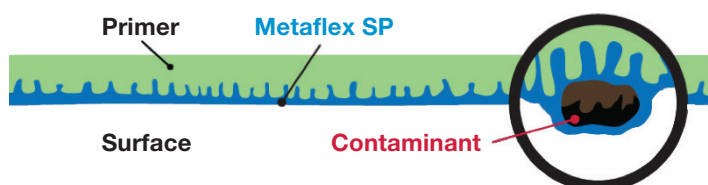
## 1050 Pretreatment



MetaFlex SP 1050 was developed to be a high performance and environmentally progressive replacement for chromate conversion coatings, wash primers, and other pretreatment practices.



### How Does Metaflex SP 1050 Work?



Metaflex SP 1050 technology promotes paint adhesion directly to permanently embedded contaminants.

Metaflex SP 1050 provides an excellent bonding surface that greatly enhances adhesion and corrosion resistance of subsequently applied multiple coat systems. Metaflex SP 1050 offers a safe, chrome free alternative to the use of traditional pretreatment processes.

- **Less Time**
- **Lower Costs**
- **Easy and Safe**

Metaflex SP 1050 provides a high performance and environmentally progressive replacement for chromate conversion coatings, wash primers and other pretreatment practices.

### Chromate Conversion

- 1 Rinse with water
- 2 Apply and scrub with alkaline solution
- 3 Rinse with water
- 4 Allow water to dry
- 5 Mask sensitive areas
- 6 Scrub with acid
- 7 Rinse with water
- 8 Allow water to dry
- 9 Mix conversion coating
- 10 Apply conversion coating
- 11 Rinse with water
- 12 Inspect for water break
- 13 Allow water to dry
- 14 Wipe with solvent
- 15 Mask and apply primer

### Metaflex SP

- 1 Rinse with water
- 2 Apply Metaflex SP and scrub
- 3 Rinse with water
- 4 Inspect for water break
- 5 Allow water to dry
- 6 Mask and apply primer

Significant reduction in the number of steps

Total steps

6

## Less Time

Replace multiple steps in the paint process. Metaflex SP 1050 can be used to replace alkaline cleaning, chemical deoxidation, physical abrasion, degreasing, chemical conversion coatings, wash primers and sol gel pre-treatments.

## Lower Costs

Elimination of labor intensive processes reduce paint preparation time and cost. Metaflex SP 1050 enhances both adhesion and corrosion resistance in a cost-effective way and prolongs the service life of the coating system.

## Easy and Safe

Application is an easy and safe process that does not require specialized or expensive equipment. Metaflex SP 1050 promotes a safer working environment for paint shop personnel. The water based, biodegradable nature of the product reduces environmental concerns and waste management costs.



## Metaflex SP 1050 Ordering Information

Available Sizes	Stock Numbers
1 Gallon	2000040
5 Gallon Pain	2000041
55 Gallon Drum	2000042
50 Wipes – Container	2000044
50 Wipes – REFILL	2000045

For more information on AkzoNobel Aerospace Coatings and Metaflex SP 1050 contact your local representative, e-mail us at [customer.service@akzonobel.com](mailto:customer.service@akzonobel.com) or visit our website at: [akzonobel.com/aerospace](http://akzonobel.com/aerospace)

## Technical Service

A key aspect of AkzoNobel Aerospace Coatings' offer is technical service. By knowing the market precisely, offering advanced technical expertise and working together in partnership, we help you to create the perfect finish.



[akzonobel.com/aerospace](http://akzonobel.com/aerospace)

AkzoNobel is a leading global paints and coatings company and a major producer of specialty chemicals. We supply industries and consumers worldwide with innovative products and are passionate about developing sustainable answers for our customers. Our portfolio includes well-known brands such as Dulux, Sikkens, International and Eka. Headquartered in Amsterdam, the Netherlands, we are consistently ranked as one of the leaders in the area of sustainability. With operations in more than 80 countries, our 50,000 people around the world are committed to delivering leading products and technologies to meet the growing demands of our fast-changing world.