



SHERWIN-WILLIAMS.

AEROSPACE COATINGS

PRODUCT DATA

# JetFlex® WR Flattening Paste

## CM0981496

### Advantages

- Very efficient for lowering gloss in water reducible coatings.
- Easy to handle – thixotropic.
- Free of lead and chromate hazards.
- VOC under 2.8 lbs./gal.
- Suitable for both pigmented and clear coatings.

### DESCRIPTION

**CM0981496** JetFlex® Water Reducible Flattening Paste is a concentrate compound designed to lower gloss levels of JetFlex® Water Reducible coatings.

### COATING PROPERTIES

<b>Weight Per Gallon:</b>	9.8 lb/gal.
<b>Volume Solids:</b>	17 ± 2%
<b>Viscosity:</b>	90-100 KU. Thixotropic, not pourable
<b>VOC:</b>	As packaged, maximum less water 2.6 lbs./gal., (317 g/L)

### SHELF LIFE

Shelf Life is applicable only for material stored in unopened and undamaged original factory filled containers.

Minimum Storage Temp. 40°F / 4°C  
Maximum Storage Temp. 90°F / 32°C

CM0981496: 1 year



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## SURFACE PREPARATION

**General:** Surface should be free of grease, dirt, silicone, rust, fingerprints and other foreign matter to insure optimum adhesion.

**Plastics:** Clean thoroughly to remove contaminants and mold-release agents / waxes. Use isopropyl alcohol or other suitable pep-solvent cleaners. If necessary, prime with CM0480930 JetFlex® primer to assure good adhesion.

CM0481505 JetFlex® Water Reducible Spray Fill, may be used for assuring adhesion, and filling on plastic substrates.

**Steel and Aluminum:** Chemical treatment on a phosphate type conversion for steel, and chromic conversion coating for aluminum is recommended. Prime with CM0480930 JetFlex® primer if required.

**Note:** Always test system integrity before production use. Consult your Sherwin-Williams representative for additional information.

## MIXING INSTRUCTIONS

Add to the JetFlex® WR color base by weight or volume. Using either method, accuracy of measurement and recording of additions is critical for future reproducibility.

When measuring by volume, insure that the measuring container is level for accurate measurement and reproducibility.

Do not use CM0981496 by itself. Follow the recommendations for the product into which the Flattening Base additive is mixed for gloss adjustment. Spray a test panel for approval.

CM0981496 may appear very thixotropic (thick). It may have some separated clear liquid on top, after standing undisturbed in storage. Thoroughly agitate before use.

## FLATTENING CHART

Addition Level of CM0981496		JetFlex® WR
By Volume	By Weight	
None	None	35-40 gloss
1%	1.5 oz./45.4 g	25-32 gloss
2%	3.0 oz./90.8 g	20-25 gloss
5%	8 oz./227 g	15-20 gloss
10%	16 oz. 454 g	10-15 gloss

## APPLICATION

Apply in smooth even coats. Allow a “flash-off time between coats to prevent sags and runs.

**Drying:** When used at recommended levels, CM0981496 will not affect the drying time of the coating into which it is mixed.

## PRODUCT LIMITATIONS

- Agitate thoroughly 5 minutes before use, on a mechanical paint shaker.
- Use only in JetFlex® water reducible products.
- Color hiding of pigmented coatings may be affected by addition of CM0981496 flattening paste.
- Durability and corrosion resistance may be affected by the addition of flattening agents to coatings.
- All mixes should be spray checked, to confirm if gloss percent is acceptable.
- Store inside. Protect from freezing.
- CM0981496 is very viscous and thixotropic. It may be added by weight or volume. Keep records of measurements to insure reproducibility.

## EQUIPMENT CLEANUP

For clean up, use water. Clean tools/equipment immediately after use with the solvent recommended for clean up. Follow manufacturer's safety recommendations when using any type of solvents.

## PRODUCT INFORMATION

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.



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