



FLEXION

TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

DESCRIPTION

A flexible polyester glaze specifically formulated to use on plastics, SMC, and fiberglass, providing versatility in application.

FEATURES

- Remains flexible
- Outstanding adhesion
- Tack-free

SUITABLE SUBSTRATES

PROPERLY PREPPED (SEE PREPARATION SECTION)

- Steel
- Aluminum
- SMC
- Fiberglass
- Polypropylene
- *OEM finishes

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
40572	Flexion	Lt. Blue	16 fl. oz. (470ml) Tube
60907	Blue Cream Hardener	Blue	1 fl. oz. (29.5ml) Tube

PRODUCT SPECIFICATIONS

Kit Contains:	1 Tube Flexion Glaze
	1 Tube Blue Cream Hardener
Working Time:	5 Minutes
Sanding Time:	15 Minutes
Maximum Recommended Thickness:	1/8" (sanded)
VOC mixed	Refer to the product SDS



Check local VOC regulations to ensure compliance of all products in your area.



PREPARATION

Plastic

1. Clean with **Scuff & Clean**, water and a gray scuff pad. Rinse with water and allow to completely dry.
2. Clean with **Plastic & Leather Prep** or **XXX Universal Surface Cleaner**. Apply and remove according to product directions.
3. Sand area to be filled with 80-180 grit sandpaper.
4. Blow off and re-clean with **Plastic & Leather Prep** or **XXX Universal Surface Cleaner**.

Steel, Aluminum, SMC & Fiberglass

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**. The surface must be free of dirt, oil, grease.
2. Sand area to be filled with 80-180 grit sandpaper.
3. Blow off and re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

Note: When cleaning SMC and Fiberglass, do not saturate exposed fibers. Surface must be completely dry.

OEM Finishes

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**. The surface must be free of dirt, oil, grease.
2. Sand area to be filled with 80-180 grit
3. Blow off and re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

***Note:** Repairs over OEM finishes are allowed as long as the repair area remains small.



Check local VOC regulations to ensure compliance of all products in your area.



MIXING

1. Knead container well before mixing.
2. Mix a ribbon of **Blue Cream Hardener** with a golf ball size quantity of **Flexion** or 2-3% by weight.
3. Mix until a uniform color is achieved. Mix no more than can be used in 4-7 minutes.

Note: To eliminate pin holes caused by improper mixing, apply firm pressure with a plastic spreader in long strokes while mixing until a uniform color is achieved.



Flexion

Mixing Instructions

	Flexion (A)		Blue Cream Hardener (B)	
Mix by volume	100 grams		2-3 grams	
Mix by ratio	50		1 – 1.5	



APPLICATION

1. Apply the putty to the repair area using a spreader. The film build should not exceed 1/8" after sanding.
2. Allow the area to cure for approximately 15 minutes and then sand with 80-180 grit sandpaper.
3. Refer to the paint manufacturer's instructions to complete the repair.



TOPCOATING

Flexion should be primed after sanding. Follow paint manufacturer's instructions for guidance on what grade sandpaper to finish with prior to priming.



Check local VOC regulations to ensure compliance of all products in your area.



CLEAN UP

Clean any excess product immediately while still wet. Use appropriate cleaning materials compliant with VOC regulations in your area.

STORAGE

Flexion should be stored between 60-80°F (16-27°C). The shelf life for **Flexion** and the **Blue Cream Hardener** is 1 year when stored under ideal conditions.

RELATED PRODUCTS

Part:	Product:	Size:
38351		
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5-Gallon
38391	Scuff & Clean	Gallon Pump
38398	Scuff & Clean	16 fl. oz. Tube
60907	Blue Cream Hardener	1 fl. oz. (29.5ml) Tube
60927	Blue Cream Hardener	4 fl. oz. (118ml) Tube
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart

Technical Consultation Service

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

Disclaimer:

The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems



Check local VOC
regulations to ensure
compliance of all
products in your area.

appropriate. Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.