



STRONG-STRANDS

TECHNICAL DATA SHEET



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

DESCRIPTION

A fiber-enriched polyester filler that offers exceptional repair qualities.

FEATURES

- Added strength for SMC, fiberglass & metal
- Eliminates swelling, halos, & bullseyes
- Excellent corrosion control

SUITABLE SUBSTRATES

PROPERLY PREPPED (SEE PREPARATION SECTION)

- Steel
- Aluminum
- SMC
- Fiberglass

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
40581	Strong-Strands	Blue-green	Gallon
60907	Blue Cream Hardener	Blue	1 fl. oz. (29.5ml) Tube

PRODUCT SPECIFICATIONS

Kit Contains:	1 Gallon Strong-Strands Filler
	1 Tube Blue Cream Hardener
Working Time:	5 Minutes
Shape Time:	9 Minutes
Sanding Time:	15 Minutes
Maximum Recommended Thickness:	¼" (6mm) sanded
VOC mixed	Refer to the product SDS



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PREPARATION

Steel & Aluminum

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

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-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.



MIXING

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



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Strong-Strands

Mixing Instructions

	Strong-Strands (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 ¼" 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

Strong-Strands may be primed or glazed after sanding. Follow paint manufacturer's instructions for guidance on what grade sandpaper to finish with prior to priming.



CLEAN UP

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



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STORAGE

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

RELATED PRODUCTS

Part:	Product:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5-Gallon
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.

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