



GENERAL INFORMATION

Long 'N Strong™ Long-Strand Fiberglass Filler is the super strong, long-strand reinforcing compound that restores and repairs with extra long strands of fiberglass for maximum bonding power and unparalleled strength. Ideal for use on large repairs like rusted-out metal, cracked or shattered fiberglass. Rustproof and waterproof.



1. PART NUMBER

- 23010 Long 'N Strong Fiberglass Filler - Gallon
- 23020 Long 'N Strong Fiberglass Filler - Quart

2. PRODUCT USES

- Rust repairs, repair cracks and holes in fiberglass, use on weld areas and bond seams for automotive and marine.



3. MIXING

- For best results, bring filler and provided hardener to room temperature (minimum temperature 75°F). Before removing filler from container, thoroughly stir from bottom to top. Knead hardener tube. Place desired amount of filler on USC nonabsorbant plastic mixing board. To a golf size of filler, add 1 1/2" ribbon of hardener or 2% by weight. Blend hardener and filler completely using a folding action and forcing air out.

NOTE: The use of too much or too little hardener may cause pinholes, poor adhesion, soft cure or poor workability, etc.



4. SURFACE PREPARATION

For rotted-out metal, dents, cracks or holes:

1. Securely fasten, anchor or weld all parts or panels to be filled to prevent separation and cracking. Sand or grind damage area to bare metal or through fiberglass gel coat (24 or 36 grit recommended).
2. Neutralize any flux remains and thoroughly clean surface of any dirt, oil, grease, wax, paint, rust, silicone or any other contaminants.
3. Dry the entire area completely with a clean, dry and lint-free cloth.

For broken fiberglass: Cut out all damaged fiberglass and "V" groove the sides to be repaired.

For large holes: Cut enough fiberglass cloth or screen to cover hole and extend well back into the side.

For small holes, cracks and dents: Fiberglass backing is not needed.



5. APPLICATION

For small holes, cracks and dents:

1. Apply only on properly prepared surfaces (see SURFACE PREPARATION). Before filling, the surface must be a minimum temperature of 75°F.
2. Coat one side of fiberglass cloth or screen generously with a mixture and place over hole, wet side against repair. Flatten and smooth around edges using spreader to squeegee any air bubbles and to ensure adhesion.
3. Gently press the center of cloth/screen to create a slight dip, leaving room for the next coat(s) of mixture. Allow ample time to cure (10-15 minutes) then sand before additional layers.
4. Mix additional filler and apply to repaired area, building up to the original contour.
5. DO NOT RETURN UNUSED MIXTURE TO CAN AS IT WILL HARDEN THE REMAINING CONTENTS.



6. SUBSTRATES

- Steel
- Aluminum
- Fiberglass
- SMC – can be used for cosmetic repairs. For structural repairs prone to high degrees of stress and flexibility, use an SMC repair product.
- Wood
- Masonry
- Concrete

7. FINISHING

- When material has hardened (approximately 15-20 minutes), sand, then featheredge repaired area to desired contour.

8. TOPCOATING

- Topcoat Long 'N Strong with any USC quality lightweight body filler. Finish the repair with USC Icing®, PRO-GLAZE™ or Blaze Glaze™. Sand and featheredge topcoat to desired contour. Allow a minimum of sixty minutes before priming and painting.



9. TECHNICAL INFORMATION

Appearance as Packaged	Olive-drab	
VOC	Packaged	275 g/l
	Applied	0.8 g/l
Weight Per Full Gallon (Density)	13.0 Pounds (Average)	
Viscosity @ 77°F	Indeterminate due to high fiber content	
Maximum Recommended Thickness (Sanded)	1/4"	
Gel Time @ 77°F	3 - 5 Minutes	
Shore "D" Hardness Values @ 24 hours	55 - 60 Minutes	
Sanding Time @ 77°F	15 - 20 Minutes	



10. HEALTH & SAFETY

- Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. When sanding, we recommend the use of a respiratory covering device to protect from dust (MSA mask P/N 459029 with MSA cartridge 464029 or equivalent). When using power equipment, refer to power tool manufacturer's recommendations for safety equipment. USC products are for industrial use by trained professionals only.

• Emergency Medical or Spill Control Information:
In U.S. and Canada call CHEMTREC at 1-800-424-9300