

TUFFGRIP-803™ DATA SHEET

IMPACT, CHEMICAL, and FUEL-RESISTANT, SYNTHETIC RUBBER, NON-SLIP FLOOR COATING FOR TRUCK BED LINERS, WORK PLATFORMS, ETC.

(Conforms To and Exceeds: MIL-S-14231C)

TuffGrip-803™ is a synthetic, elastomeric, polysulfide, specifically designed for coating or lining:

- ◆ Truck beds, metal storage compartments, metal work platforms, existing plastic bed liners, etc.;
- ◆ Auto, truck, and trailer undercarriages, rocker panels, wheel wells, horse ramps, battery mounts, etc.;
- ◆ Metal and concrete fuel tank interiors for petroleum products, oils, gasoline, jet fuels, etc.

TuffGrip-803™ is most commonly applied with a **Walcom** airgun (or equivalent) or may be roll-applied: directly to metal (dtm); to painted surfaces; and to existing bed liners, spray-applied or drop-in.

TuffGrip-803™ cures at room temp. to a firm, resilient rubber-like coating, possessing outstanding resistance to corrosion caused by weather, electrolysis, aging, water, salt exposure, all petroleum products, etc.

TuffGrip-803™ demonstrates excellent adhesion to properly painted and non-painted steel, aluminum, wood, etc.

TuffGrip-803™ possesses excellent resilience and tensile characteristics over a wide temperature range.

TuffGrip-803™ may also be applied directly to most bare surfaces, without the use of a primer.

TuffGrip-803™ will not peel, crack or degrade, even after years of exposure to harsh environments.

SURFACE PREPARATION

All surfaces to be coated with **TuffGrip-803™** should be dry, clean, and free from all oil, grease, dirt, loose aggregate, and other contaminants. New liners or new paint need only be clean. Older liners or paint may require light sanding to proper grip surface.

MIXING INSTRUCTIONS

10 parts of **TuffGrip-803™ Base Compound** is mixed with 1 part **TuffGrip-803™ Curing Agent** (10:1 by weight), until completely uniform, and no traces of unmixed base compound or curing agent are visible.

APPLICATION

TuffGrip-803™ can be spray-applied with a **Walcom** airgun or equivalent, or may be applied using a brush or short napped paint roller.

TOOL & EQUIPMENT CLEANING

Equipment and tools for applying **TuffGrip-803™** may be cleaned using Acetone, Methyl Ethyl Ketone (M.E.K.), Toluene or chlorinated solvent, immediately after use or before material cures.

PACKAGING

TuffGrip-803™ is packaged in 1-gallon and 1-quart kits. Custom packaging is available.

Caution: Contains flammable mixture.

Do not use near extreme heat or open flame.

PHYSICAL PROPERTIES

APPLICATION

Base Compound Color	Black
Curing Agent Color	Yellow
Mixing Ratio (by weight)	10:1
Dry Film Thickness (DFT)	10 to 30-mil
Coverage:	1-mil Theoretical
	1500 sq.ft./gal
10-mil Practical	30 sq.ft./qt or 120 sq.ft./gal
30-mil Practical	10 sq.ft./qt or 40 sq.ft./gal
Solid Content	94%
Consistency	Walcom airgun/Rollable
Usable "Pot" Life	@ 45-min at 75°F/50% RH
"Tack Dry"	@ 60-min at 75°F/50% RH
Dry-to-Touch	@ 3-hours at 75°F/50% RH
Foot Traffic	@ 10-hours at 75°F/50% RH
Cargo Traffic	@ 24-hours at 75°F/50% RH
Full Cure	@ 48-hours at 75°F/50% RH

PERFORMANCE

Color	Black
Hardness	65 Shore "A"
Peel Adhesion (Before 100% Cohesive Break)	40 lbs./inch
Tensile Strength	300 p.s.i.
Elongation	500%
High Temperature Resistance	+350°F
Low Temperature Flexibility	-75°F
Resistance to Prolonged Exposure	Excellent
<small>(Gasoline, Petroleum Products, Jet Fuels, etc. = no deterioration or fuel contamination)</small>	
Resistance to Weather, Aging, Water, Salt Water	Excellent

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