



FREEDOMTUFF® PRODUCT INFORMATION BULLETIN

FREEDOMTUFF® FT-6040 is a two-component urethane system used as a LOW VISCOSITY BONDING AGENT FOR CONCRETE REPAIRS. This product exhibits easy processing (brush or roll), quick cure and good physical properties.

ADVANTAGES

- Easy processing
- 1:1 volume ratio
- Low Exotherm ($\leq 180^{\circ}\text{F}$)
- Wide application temperature range
- Hand applied / No equipment necessary
- Good toughness and scratch resistance
- Light color

PROFESSIONAL USE ONLY

Read and understand all the information contained in the Product Information Bulletin's, SDS's and product labels prior to starting any project. Nothing contained in any of Freedom® Chemical Corporation's materials relieves the end user of the obligation to read and follow the warnings and instructions for each of Freedom® Chemical Corporation's products.

DISPOSAL

All Spilled material, unused contents of containers, empty containers and secondary containment spills and leaks must be cleaned up in accordance with local, state and federal regulations.

PRODUCT QUALITY AND STORAGE

Components A (isocyanate) and B (polyol) - storage area should be maintained over 32°F . Containers must be tightly closed as a protection from moisture and foreign material.

Do not open until ready to use and keep containers sealed tightly.

FREEDOMTUFF® **FT-6040** TYPICAL PROPERTIES

MIX RATIO BY VOLUME	N/A	50 A : 50 B
MIX RATIO BY WEIGHT	N/A	53 A : 47 B
VISCOSITY AT 75°F (24°C)	BROOKFIELD	A 40 ± 10 cps, B 250 ± 20 cps
SPECIFIC GRAVITY AT 75°F (24°C)	GARDCO DENSITY CUP	A 1.15 ± 0.10 g/cm ³ , B 1.05 ± 0.10 g/cm ³
GEL (WORKING) TIME @ 75°F	MINUTES	15 ± 5
TACK FREE TIME @ 75°F	MINUTES	45 ± 15
HARDNESS (SHORE)	ASTM D-2240	A 87 ± 5 / D 32 ± 5
TENSILE STRENGTH (PSI)	ASTM D-412	$1,000 \pm 300$
ULTIMATE ELONGATION (%)	ASTM D-412	50 ± 10
DIE-C TEAR STRENGTH	ASTM D-624	40 ± 10
FINAL COLOR (UNPIGMENTED)	N/A	LIGHT (SEE-THROUGH) AMBER

Incredible Stuff, Exceptional Service, and Friendly People™

Read all the information in this product information bulletin, and material safety data sheet (MSDS) before applying any material. The information contained herein is for purposes of identifying the product and does not constitute a warranty or guaranty that the product will conform to this description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors. All published information and specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind. Satisfactory results depend upon many factors beyond the control of Freedom® Chemical Corporation. User shall rely on their own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from their direct use, indirect use or consequential to their use of the product. Freedom® Chemical Corporation shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. Products manufactured by Freedom® Chemical Corporation are free of defects for a period of one (1) year, liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the materials in question. † Freedom® Chemical and FreedomTuff® are trademarks registered in the US Patent and Trademark Office. ‡ The marks of Freedom® Chemical Corporation, its divisions, slogans, emblems, other marks appearing in this document are the trademarks and/or service marks of Freedom® Chemical Corporation, its subsidiaries, affiliates or licensors Copyright© January 2019 Freedom® Chemical Corporation. All Rights Reserved.