



PROFILL 2904-VEG VINYL ESTER GROUT

Technical Data

DESCRIPTION: Profill 2904-VEG is an extra heavy duty, wear resistant, fast setting pitching and grading grout. It is scientifically formulated using a state of the arts vinyl ester resin that is elastomeric in nature. The formulated product exhibits increased adhesive properties, as well as abrasion and mechanical stress resistance that is superior to any other vinyl ester formulation. Its unique aggregate component also is formulated to maximize serviceability and physical strength characteristics to fulfill a wide range of application requirements. This system is an excellent choice for grouting at depths of 1-4 inches. It is recommended to topcoat this system with appropriate Parker flooring systems to achieve maximum chemical and mechanical stability. Profill 2904-VEG is a three component product that, when applied properly, creates a very heavy duty flooring system.

RECOMMENDED USES: Repitching existing concrete floors toward drains, sumps or trenches, where badly eroded or worn concrete floors need to be re-graded with a very high wear flooring system.

PHYSICAL CHARACTERISTICS: Extremely wear resistant. Fast setting, highly filled non-porous and impact resistant.

PHYSICAL CHARACTERISTICS (Liquid Components):

Adhesive Properties:	Carbon Steel	1,430 psi
	304 Stainless	1,530 psi
	2024 T3	970 psi
Flexural Strength		39,000 psi
Flexural Modulus		12.7 x 10 ⁻⁵ psi
Tensile Strength		31,500 psi
Tensile Modulus		14.4 x 10 ⁻⁵ psi
Compressive Strength (Aggregate filled @ 2 inches)		16-18,000 psi

Chemical Resistance--Special consideration must be given when requirements combine a need for high compressive or impact with chemical resistance. Contact Parker Technical Department for specific instructions.

FINISH: Non-skid to smooth

SUGGESTED THICKNESS: 1-4 inches

EXPECTED COVERAGE: 1 unit -- 9.036 sq. ft. at 2 inches thickness
1 batch -- 3 sq. ft. at 2 inches thickness

COLOR: Cream

PACKAGING: 1 unit = 3 batches
1 batch = 1 bag Part C aggregate

NOTE: This product can be used with aggregate to achieve high resistance to abrasion, chemical attack and impact.

Its liquid components can also be used on their own for extreme chemical and heat resistance.

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable, and are intended for use by persons having skill and know-how, at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendation, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.



PROFILL 2904-VEG

Application Data

SURFACE PREPARATION: Thoroughly clean all ruts, holes, cracks and the remainder of the eroded floor to be overlaid so it is entirely free of all contaminants prior to application.

PRIMER: Contact Parker Technical Department for specific requirements.

MIXING: Mix the contents of Part A with the contents of Part B. Stir thoroughly for 2 minutes. Then empty the mixture into a mixer or mortar box, draining can for 1/2 minute. Start mixer and slowly add Part C. Mix for approximately 2 minutes.

POT LIFE: 15-20 minutes at 70 deg. F. and 50% R.H.

APPLICATION TEMPERATURE: Do not apply when floor temperature is below 40 deg. F. For best results and ease of application, the material temperature should remain at least 60 degrees F. before application.

CURE TIME: To touch -- 1 hour
Light traffic -- 8 hours
Heavy traffic -- 36 hours

APPLICATION: Pour the entire batch on the floor. Spread and level with trowel or metal float. For filling in large holes and ruts, use surrounding floor level as a guide for trowel. For changing floor level, use screeds and straightedge to obtain desired grade. Finish each batch as you go. If the time lapse between each batch is long, the trowel may become sticky, causing the mortar to pull and creating a porous surface. Keep the trowel clean by wiping with a cloth dampened in Styrene. Do not spill this thinner on freshly laid Parker 2904-VEG or sections of floor that are to be surfaced.

CLEAN UP: Cured or hardened Profill 2904-VEG sticks to practically everything and is almost impossible to remove. Clean tools immediately after use with P34T Thinner.

CAUTION: It is recommended that the personnel observe good personal hygiene. Certain personnel may be sensitive to various types of resins which may cause dermatitis. Do not use in confined space or closed area without adequate ventilation. This product may be irritating to eyes and skin. Avoid contact with liquid components A and B and keep mortar from touching tool handles and clothes. Use coveralls, goggles, rubber gloves or protective cream. Always wash thoroughly with soap and warm water after use. Should accidental eye contact occur, wash thoroughly with water and consult a physician immediately. U.S. Department of Labor approved material data sheet is available.

LIMITED WARRANTY: The Manufacturer warrants this product to be free from defects in material and workmanship under normal use and service for a period of one year of the date of purchase. The Manufacturer's sole liability shall be limited to replacing this product if, within one year of the date of purchase, it is shown to be defective. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. THE MANUFACTURER SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY KIND. This warranty shall not be extended, altered or varied except by a written instrument signed by the Manufacturer.