



VersaFlex Incorporated
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Product Data Sheet

VersaGrout™ 200 **Epoxy Concrete Restoration & Re-Build**

Product Description- *VersaFlex VersaGrout 200* is a specially formulated, 100% solids, epoxy concrete restoration and re-build product designed to repair heavily damaged concrete or reconstruct areas where a quicker turn around or improved chemical resistance is necessary.

Uses- *VersaGrout 200* is ideal for areas where traditional cementitious products are inadequate due to hydration requirements, length of cure time, lack of chemical resistance, or lower compression and flexural strength.

VersaGrout 200 can be formed, molded or shaped, making it ideal for vertical installation, reconstruction of key features, repair of damaged concrete or new construction.

Ideal for Applications in:

- Pump pads
- Extensive concrete repair
- Chemical troughs
- High traffic areas
- High impact areas
- Curbs
- Fillets

Advantages:

- Non-shrink
- 100% solids
- Convenient packaging
- Specially formulated aggregate
- High compressive & flexural strength
- Good chemical resistance

Physical Properties-

(Typical) Mix Ratio 3:1		
Cured Film Properties	Test Method	Typical Value
Solids content	Theoretical	100%
Compressive strength	ASTM C579	8000 – 10000 psi
Tensile strength	ASTM C307	4000 – 5000 psi
Flexural strength	ASTM C580	6000 – 7000 psi
Density		125 lbs/cu ft
Working time	72°F to 75°F	20 – 30 minutes
Cure time (floor traffic)	72°F to 75°F	8 – 12 hours
Chemical service	72°F to 75°F	24 – 36 hours
Coefficient of thermal expansion	ASTM C531	20 x 10 ⁻⁶ in/in°F

The value ranges stated in this Technical Data Sheet are based on system processing under laboratory conditions. Equipment configurations and/or field application conditions may produce variances in final system values.

Packaging- *VersaGrout 200* is available in kits that yield approximately 40 square feet. Aggregate is specifically blended for use in *VersaGrout 200*. Theoretical coverage is as follows:

Sq. Ft. Coverage	Thickness	Part A	Part B	Aggregate
40	1/8"	.75 gallon	.25 gallon	(1) 50 lb bag

Coverage rates will be affected by the condition of the surface being coated and skill of the applicator. Containers are packaged at ratio for 40 square feet and will not arrive full.

Application Guidelines-

Temperature Considerations:

- Throughout the application process the surface temperature should remain above 50°F.
- Store all materials (parts 'A' & 'B' and aggregate) at 60°F - 80°F.

Surface Preparation of Concrete:

- Surface must be free of dirt, dust, oil, grease, chemical and other contaminants immediately prior to applying **VersaGrout 200**.
- New concrete should be cured a minimum of 28 days.
- Concrete must be structurally sound and must not contain any accelerators or curing compounds.
- Remove all surface laitance and exposed sound concrete. Abrasive cleaning recommended.
- Any existing coating should be completely removed.
- Honeycomb and form voids on vertical surfaces may be filled using **VersaGrout 200**.

Priming:

- **VersaGrout 200** requires the use of a primer. This step is necessary to achieve adhesion between the substrate and the blended aggregate filled epoxy being applied.
- **VersaFlex** VF 30 for temperatures above 70°F. Refer to the respective data sheets for application instructions.

Mixing & Application:

- Required Tools-Jiffy type mixer & trowel
- Combine units of 'A' & 'B' and mix with jiffy type mixer.
- Add and mix until all particles are wet and composition is uniform.
- Be aware that the provided 50 lbs. of blended aggregate may not all be required as viscosity will vary according to temperature.
- **VersaGrout 200** may be applied up to 1.5" in thickness

Safety- Review SDS at VersaFlex.com

Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvex overalls
- Rubber gloves
- Splash shield or safety glasses with splash guards
- Rubber or leather boots
- Respirator
- Do not use near high heat or open flame
- Do not take internally
- Keep out of reach of children

Shelf Life- One year from date of shipment, in original, unopened factory containers, under normal storage conditions of 60°F to 95°F (18°-35°C).

Technical Services- Sales and Customer Support 913-321-9000

VersaFlex Product Manufacturer's Warranty

During a period of one-year from date of shipping, VersaFlex Incorporated will refund the price of or replace, at its election, product it finds to be defectively manufactured, provided the product has been stored and used properly. Except as expressly stated herein, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.