

1. PRODUCT NAME

1618 GEL

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

1618 GEL is a clear (translucent) very high viscosity 100% solids epoxy formulated for filling large cracks and patching. Easy to mix 2 to 1 by volume ratio and its high non-sag viscosity allows for use on vertical applications such as troweled covings and patching or cracked concrete risers or overhead repairs. Resistant to most chemicals and solvents. Non-blushing and completely compatible with our 1618 floor coating.

Advantages.

- No VOC's or Solvents
- 100% solids
- Cures under cool / humid conditions

Uses

- Troweled wall covings
- Non-moving Cracks
- Patching holes and spalls
- Machine Bases
- Anchor bolting
- Epoxy Mortars and Grouts

4. APPLICATION INSTRUCTIONS

1. Clean surface by shot blasting or grinding to provide clean and open surface.
2. Thoroughly mix measured amounts of 2 parts of "A" Resin with 1 part of "B" Hardener by volume until streak free. Scrape side and bottom of pail frequently during mixing to ensure a good mix. Mix only enough that can be applied in 15 minutes.
3. Apply mixed epoxy with drywall knife or margin trowel.
4. Use backer rod or prefill larger cracks with sand to help minimize loss of material into sub-base.
5. May be mixed with sand or dry powder fillers to make patching mortars and grouts.

Packaging

1.5 Gal, 3 Gal and 15 Gal Kits.

Colors

Straw, Light Gray, Medium Gray, Dark Gray, Beige, Crème, Tile Red, Jute Brown, True Blue and Black. Custom Colors available.

Shelf Life

Unopened containers are guaranteed for 1 year. Store in temperatures between 60°-80° F. Storing above 85° will reduce shelf life. Keep from freezing.

Limitations

Not for use on contaminated or oily surfaces. Do not install when surface temperature is below 32° or above 85°F. During damp and/or cool conditions epoxy will cure slower and protect finished work from traffic until fully cured.

Cautions

Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Material Safety Data Sheet for full listing protective requirements. 1618 GEL may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. For professional use only. Keep out of reach of children.

5. TECHNICAL DATA

Pot Life @ 77°F (100 gm)	20 mins.
Tack-Free Time @ 77°F	2 hours
Tack-Free Time @ 40°F	6 hours
Compressive ASTM D-695	11,100 psi
Compressive Modulus	289,000 psi
Tensile Strength ASTM D-638	9,100 psi
Flexural Strength	14,900 psi
Elongation ASTM D-638	4.7% min.
Mix ratio by volume	2:1 A/B
Mixed Viscosity	80,000 cps

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Data sheets are subject to change without notice.