



Product Information

AMP GeoCote is a rapid setting, 100% solids, flexible, aromatic two-component polyurea. This odorless volatile-free elastomeric is specially designed to be applied to various substrates including concrete, metal, geotextile and other lining membranes. GeoCote gels in 15 seconds—it can be applied in single or multiple applications without the concern of sagging. GeoCote offers a tack-free time of about 3 minutes and a low amount of stress shrinkage from curing, <0.7%.

Features

- Rapid Cure
- 1:1 Mix Ratio
- 100% Solids
- No VOCs
- Extended re-coat window
- Odorless
- 39 Shore D Hardness
- 300% or greater elongation

Limitations

Cannot be used in situations of extremely high or low pH, coupled with high temperature immersion. Contact American Manufactured Poly for a more suitable system. Do not open until ready to use.

Both Part-A and Part-B containers must be fitted with a desiccant device during use.

Packaging

10 Gallon Kit
5 Gallons Part-A (Isocyanate) and 5 Gallons Part-B (Resin)

100 Gallon Kit
50 Gallons Part-A (Isocyanate) and 50 Gallons Part-B (Resin)

Products are packaged by weight, so final package volume is a close estimation.

Colors

Geocote comes in 3 standard colors: Black, Gray and Tan. If you need a special color for a specific application, please contact AMP for more information. Due to its aromatic composition, GeoCote will tend to yellow or darken in color and will become flat after exposure to UV light. GeoCote may be top-coated within twelve hours of application with an aliphatic polyurethane/polyurea/ polyaspartic coating for a colorfast finish.

Product Use

Applications

- Geotextile
- Over-Foam
- Flexible Membranes
- Secondary Membranes
- Oil Production Containment
- Waterproofing
- Other Liners

Coverage Chart

Mils	10	15	50	60	80
Sq. Ft.	160	107	32	27	20

The above are theoretical coverage rates and can vary on the substrate condition and texture.

Physical Properties

Mix Ratio by Volume	1A : 1B
Pot Life @ 150F	15 Seconds
Tack Free Time	3 Minutes
Solids Content	100%
Hardness, ASTM D-2240	35-45 Shore D
Tear Strength, ASTM D-624, Die C	310 - 330 lb./in.
Elongation, ASTM D-638\	300-450%
Tensile Strength, ASTM D638	1900 - 2100 PSI
Water Vapor Permeability, ASTM E96	8.63E-11

The values stated in this data sheet are produced under controlled laboratory conditions.

Safety and Storage

For in-depth information on product safety and precautions, please review the product SDS sheets. Prior to using the product, ensure that you have the proper personal protection equipment (PPE) available. This includes but is not limited to the following items:

- Safety Glasses with a splash shield
- Minimum Organic Cartridge Respirator
- Rubber or Nitrile Gloves
- Disposable or Reusable Long Sleeve Overalls
- Rubber or leather boots

Always be sure to follow the precautions listed below when using the material:

- Do Not use near high heat or open flame
- Do Not take internally
- Keep out of reach of children

Geocote has a shelf life of twelve (12) months from date of manufacture, in factory-sealed containers. Part-A and Part-B drums must be stored above 60°F. Store drums on wooden pallets to avoid direct contact with the ground. If stored for a long period of time, rotate Part-A and Part-B drums regularly.

Installation

Coating performance and adhesion are directly related to surface preparation. Many surface-coating failures can be attributed to improper surface preparation. Coatings are partially dependent on the integrity and structure strength of the substrate. A properly prepared substrate is free of contaminants, including but not limited to dust, dirt, oil, grease, rust, and corrosion. In certain applications, priming the substrate will be required prior to applying GeoCote. For additional information, please review the material processing and handling guide or contact a member of the American Manufactured Poly technical support team.

Product Mixing

Must be installed using a 1:1 ratio plural high-pressure, heated pump, fitted with high-pressure impingement mix spray gun. The proper necessary equipment can vary by the individual application. Contact American Manufactured Poly for more support. GeoCote may not be diluted under any circumstances. Thoroughly mix Part-B (Resin side) with air driven power equipment until a homogeneous mixture and color is obtained.

Clean-Up / Disposal

Excess material can be mixed together at the proper ratio and disposed of without restriction once cured. Product containers may be disposed of according to local, state and federal laws.

Equipment should be cleaned with an environmentally safe, urethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

Technical Support

For technical support, please call 317-209-1111 Monday to Friday between the hours of 8am – 5pm EST. You may also send an email anytime to sales@mccind.com.

Warranty

At its sole election, American Manufactured Poly LLC (the company) will refund the price of or replace product it finds to be defective provided the product has been used properly and installed by a certified American Manufactured Poly LLC applicator. Except as expressly stated above, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose; nor does it make any warranty, express 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, loss of use, indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.

Other Information

Warning - This product contains Isocyanates and Curative Material.

Distributed by:
MCC Equipment and Service Center
2705 E Main St
Plainfield IN 46168

317-209-1111

Email: sales@mccind.com
Web: www.mccind.com

Created Date: 04/01/2020

Revised Date: 04/01/2020

Notes: Not Available