



Product Information

Handcote is a self-leveling, hand mix polyurea that is designed for small coating or patching applications. This material can be processed through non-heated plural component equipment if desired. It is ideal in applications where an elastomeric is desired and will accommodate substrate movement. This ambient curing material is great for low pressure spraying and can accommodate below freezing applications.

Features

- Cold Flexibility
- 1:1 Mix Ratio
- 100% Solids
- High Flexibility
- No VOCs
- 3 Hour Return to Service
- Hand Mix and Brushable

Packaging

2 Gallon Kit

1 Gallons Part-A (Isocyanate) and 1 Gallons Part-B (Resin)

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

Limitations

Do not open until ready to use. Both Part-A and Part-B containers must be fitted with a desiccant device during use. Allow concrete surfaces to fully cure prior to application

Colors

Clear/Neutral. Custom colors are available upon request. Color Packs, when used, must be added to Part-B.

Due to its aromatic composition, HandCote will tend to yellow or darken in color and will become flat after exposure to UV light.

Product Use

Applications

- Small Coating Repairs
- Slab Stabilization
- Low Pressure Spray Coatings

Coverage Rate

| 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 |
| Gel Time | 3-4 Minutes |
| Tack Free Time | 45 Minutes |
| Initial Cure Time | 3 Hours |
| Final Cure Time | 7 Days |
| Hardness, ASTM D-2240 | 45+ Shore D |
| Tensile Strength, ASTM D-412* | 1400 - 1600 psi |
| Elongation, ASTM D-412* | >300% |
| Tear Resistance, ASTM D-624 | 300-360 pli |

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

Handcote 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

Both Side-A and Side-B materials should be preconditioned to 75-80°F before application.

Product Mixing

Contact American Manufactured Poly for more support. Handcote may not be diluted under any circumstances. Thoroughly mix Part-B (Resin side) until a homogeneous mixture and color is obtained.

Hand Mixing: Mix in small quantities, mix equal parts of 'A' and 'B' components until homogeneously mixed. Add the 'B' side to the 'A', not 'A' to 'B'.

If 'A' is added to the 'B', the material will have a thick, putty like consistency.

Apply material directly to surface to be coated using a trowel or brush.

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

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