



CORRO-SHIELD  
SUPERIOR PERFORMANCE COATINGS

**CORRO-SHIELD**  
*Industrial Flooring and Walls*

www.corroshield.com

**Product Data Sheet (Rev. 09/16)**

**CORRO-GUARD AM5 (Ref. No 160)**

**Product Description**

- Two-Part, Clear, Water-Based Epoxy Penetrating Sealer for Sheet Flooring, Tiles, Terrazzo, Quartz and Quarry Tiles and Stamped or Colored Concrete.
- Epoxy Coating System Consisting of:
  - Part A – Pigmented Resin
  - Part B – Hardener
- Antimicrobial/Hygienic Surface
- Resin Rich Surface
- U.S.D.A. and C.F.I.A. Compliant
- V.O.C. Compliant/Low Odor/Solvent Free (VOC Content: 122.98 g/L per ASTM D-2369-01)
- Excellent Checking and Cracking Resistance ASTM D-660 Test
- Excellent Blistering Resistance – ASTM D-714 Test
- Meets ASTM C-884 – Thermal Compatibility with Concrete
- Hi-Gloss Finish

**Features and Benefits**

- Waxing Alternative – Low Maintenance
- Easy to Clean
- Helps to Resist Bacterial Growth
- Resists Staining of Iodine after 72 Hours Cure
- Excellent Stain Resistance
- Very Good UV Resistance
- Excellent Wear Resistance
- Resistant to Hot Tire Pick Up
- Excellent Adhesion to Clean, Sound, Damp or Dry Concrete
- Good Chemical Resistance (Refer to Chemical Resistance Chart)
- Rollers, Squeegees and Spray Equipment can be Cleaned with Water
- User Friendly Mix Ratio and Long Pot Life

**Colors**

Clear

**Precautions**

Do not allow resin to puddle or apply over concrete coated with curing agents or curing compounds.  
Do not allow to freeze,  
Do not thin with water or solvent.

**Common Uses**

- Clear Sealer for Resilient Flooring (Linoleum, Marmoleum™ and Vinyl) as an alternative to wax (2 Coats Recommended).
- Clear Sealer for Quarry Tiles, Terrazzo Floors, Stamped and Colored Concrete as an alternative to Polishing (2 Coats Recommended)
- Ideal Sealer for Epoxy Quartz or Flake Systems
- Hospitals, Nursing Homes, Schools and Institutions
- Commercial Kitchens/Restaurants
- Food and Pharmaceutical Plants

**Packaging**

**Corro-Guard AM5** is available in the following pre-measured pak sizes:

1 Gallon Pak 300 SF

3 Gallon Pak 900 SF

Coverage will vary depending on surface texture.

**Mixing and Application**

**DO NOT MIX BY HAND**

Apply by roller, brush or spray gun. Detailed mixing and application instructions are available upon request.

**Clean Up**

**Corro-Guard AM5**, while still wet, can be cleaned up with warm soapy water, but if allowed to set then mechanical cleaning or the application of a very strong paint stripper will have to be used.

**Safety**

As with all epoxies, good hygienic habits must be observed and the wearing of protective clothing and gloves is advised. Before using any of the products, please read the container label warnings and their respective material safety data sheets.

**Mixing Ratio by Volume**

2.25:1 Part B to Part A

**Mixing Ratio by Weight**

2:1 Part B to Part A

**Weight lbs/Gallon**

Part A – 9.5 lbs.

Part B – 8.44 lbs.

A & B Mixed – 8.77 lbs.

**Note:** Part B is greater than Part A

Coating & Wall System

Corro-Shield Industries Inc./ Corro-Shield International Inc.

4-115 First Street, Suite 532, Collingwood, Ontario, L9Y 4W3•T: 1-888-780-3229, F: 844-930-0248  
2575 United Lane, Elk Grove Village, IL, 60007•T: 1-800-298-7637, F: 847-298-7798

**Technical Assistance**

If you have any questions regarding this product, please call 1-800-298-7637 for further information.

| <b>SET TIMES</b>                           |                    |
|--|--------------------|
| <b><u>Set Times (Slab Temperature)</u></b> | <b>73°F / 23°C</b> |
|  |                    |
| Pot Life*                                  | 1 Hour             |
| Recoat Time - with spiked shoes            | 3 Hours            |
| Foot Traffic                               | 7 Hours            |
| Full Chemical Resistance**                 | 10 Days            |

\*The pot life of Corro-Guard AM5 is different than normal 100% epoxies as it has no visible pot life and it starts to slowly thicken up after approximately 1 hour. Do not try to use and/or thin it down with water after 1 hour.

\*\* Refer to Chemical Resistance Chart

To apply **Corro-Guard AM5** below 60°F / 16°C, please consult the factory.

**WARRANTY**

The data, statements and recommendations set forth in this product information sheet are based on testing, research and other development work which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. However, this product is subject to numerable uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

**WARRANTY** - All products manufactured by us are warranted to be first class material and free from defects in material and workmanship.

Liability under this warranty is limited to the net purchase price of any such products proven defective, or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims hereunder on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NO REPRESENTATIVE OF OURS OR ANY OTHER PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS.