

Selection & Specification Data

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| Generic Type | Epoxy amine. Part A and Part B mixed prior to application. |
| Description | High solids epoxy coating that tolerates moisture contaminated substrates. Cures to a tough and highly impermeable protective film under conditions which are unacceptable for conventional epoxy primers. The coating is designed to displace moisture from the steel substrate and thereby permit excellent adhesion. |
| Features | <ul style="list-style-type: none"> - Recommended for steel substrates where conventional epoxies cannot be applied due to constant dampness or dripping of water - Recommended for outside of tanks in which chilled chemicals are stored and/or processed - Recommended for pipelines carrying chilled water or chemicals - Recommended for metal surfaces under cooling towers - Good flexibility - Good weathering (chalks) - Very good abrasion resistance - Compatible with any conventional epoxy, however consult StonCor Africa Technical Service for specific applications |

CAUTION: This is a special product for special applications only and cannot take the place of conventional epoxies. Consult your local StonCor Africa Sales Representative for specific recommendations.

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|----------------------------------|--|------|
| Colour | White and Grey only | |
| Finish | Semi Gloss | |
| Topcoat | Normally not required. A second coat of Dampcoat 1208 may be applied. | |
| Dry Film Thickness | 150 Microns | |
| Solids Content | By Volume 96% ± 1% | |
| Theoretical Coverage Rate | 6.4m ² /litre at 150 microns | |
| | NOTE: Material losses during mixing and application may vary and must be taken into consideration when estimating job requirements. | |
| Temp Resistance | Non-immersion | |
| | Continuous | 82°C |
| | Non-continuous | 96°C |

Substrates & Surface Preparation

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|-------------------------|--|
| General | Remove any oil, grease and loose rust from surface to be coated. If existing coating is loose, flaking or otherwise failed, a sweep blast may be necessary to achieve adequate adhesion. Damp surfaces must be wiped with clean rags prior to application. |
| Repair Procedure | Power tool clean or spot blast damaged areas. Feather edge and remove all loose coatings and contaminants from the surface. Recoat with recommended thickness of the original coating system. |

November 2016 replaces March 2012

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Application Equipment

Spray Use sufficient air volume for correct operation of equipment. Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

NOTE: The following equipment has been found suitable, however equivalent equipment may be substituted.

Conventional Use a 10mm minimum I.D. material hose. Hold gun approximately 300 to 350mm from the surface and at a right angle to the surface. Use a dual regulated top feed pressure pot.

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|----------------------|------------------|----------------|
| Mfr & Gun | Fluid Tip | Air Cap |
| Binks # 18 | 66 | 63PB |
| DeVilbiss MBC or JGA | E | 704 |

Brush For small areas and touch up only. Apply material with full strokes and avoid rebrushing.

Roller Not recommended.

Mixing & Thinning

Mixing Power mix separately, then combine and mix in the following proportions:

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|--------|---------------------|
| | 10 Litre Kit |
| Part A | 5 litre |
| Part B | 5 litre |

Thinning Thin up to 15% with Thinner # 25

NOTE: Use of thinners other than those supplied or approved by StonCor Africa may adversely affect product performance and void product warranty, whether express or implied.

Allow a 20 minute induction time before application.

Pot Life 1½ Hour at 25°C and less at higher temperatures. Pot life ends when coating loses body and begins to sag.

Application Conditions

| Condition | Material | Surface | Ambient | Humidity |
|-----------|----------|---------|---------|----------|
| Normal | 18-29°C | 18-29°C | 18-29°C | N/A |
| Minimum | 13°C | 10°C | 10°C | 0% |
| Maximum | 32°C | 43°C | 43°C | 90% |

Special thinning and application techniques may be required above or below normal conditions.

Curing Schedule

| Surface Temp. & 50% Relative Humidity | Dry to Handle | Between Coats | Final Cure |
|---------------------------------------|---------------|---------------|------------|
| 25°C | 4 Hours | 24 Hours | 7 Days |

Cleanup & Safety

Cleanup Thinner # 25

Safety Read and follow all caution statements on this product data sheet and on the material safety data sheet for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Ventilation When used as a tank lining or in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel.

Packaging, Handling & Storage

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|--------------------------------------|-------|----------------|---------------------|
| Shipping Weight (Approximate) | | 5 Litre | 10 Litre Kit |
| Dampcoat 1208 | | | 14.0kg |
| Thinner # 25 | 4.9kg | | |

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| Flash Point (Pensky Martens Closed Cup) | Dampcoat 1208 Part A | >93°C |
| | Dampcoat 1208 Part B | 28°C |
| | Thinner # 25 | 23°C |

Storage Temperature & Humidity 4 to 43°C
0 to 100%
Store indoors

Shelf Life 12 Months minimum when stored at 25°C

***Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.**



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