

FEATURES

Advantages:

- Low VOC
- 100% volume solids
- Reinforces rusty steel, masonry and aged "White-Rusted" zinc surfaces
- Penetrates surface rust, crevices, back-to-back angles
- Penetrates pores and tiny cracks in concrete and masonry surfaces
- Cures to a tough, water resistant coating
- Very low viscosity
- Long pot life
- Low film thickness required
- No shrinkage
- Applies easily by brush, roller or spray
- Formulated without lead, chromate or mercury containing materials

Limitations of Use:

- Do not overbuild
- Do not thin

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RECOMMENDED USES

The extraordinary penetrating properties of Pre-Prime 167 Sealer provide a means of reinforcing rusty steel substrates - and in turn ensures the adhesion of subsequent coatings.

Pre-Prime 167 Sealer is equally effective at penetrating, reinforcing and sealing concrete and masonry surfaces.

- Recommended for rusty steel when environmental, economic or safety concerns preclude abrasive blast cleaning
- Excellent sealer for aged, "white rusted" zinc surfaces
- Encapsulates toxic pigments in lead and chromate based paints which are too expensive to remove and contain
- Sealer over Zinc Silicate 8641
- Sealer for concrete floors and block walls
- Sealer/binder for asbestos cement encapsulation
- Excellent sealer for zinc and aluminium metal spray

SPECIFICATION DATA

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| Coating Type: | 100% Solids Epoxy |
| Colour: | Light Amber |
| Packaging: | 1 and 4 litre Two component kits |
| Mix Ratio: | 3 to 1 by volume |
| Gloss: | Medium Sheen |
| Flash Point: | 38°C Setflash |
| Thinner: | Do Not Thin (Clean up with 1/2 Thinner) |
| Pot Life: | 4 hours at 25°C |
| Storage: | Store under cool, dry conditions |

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| Density: | 1.02 kg per mixed litre |
| VOC: | 0g per litre |
| Temperature Resistance: | 121°C Dry |
| Volume Solids (Mixed): | 100% |

Theoretical Coverage Rate:
 25 sq metres per litre at 40 microns DFT *

*On concrete and absorbent surfaces spreading rate may be reduced by 50% or more.

Recommended Film Thickness Per Coat:
 40 microns wet to obtain 40 microns dry

Application: Spray, brush or roller

Dry Times (25°C / 50% RH):

To Recoat - Overnight

(May be overcoated earlier - refer Altex Coatings Technical Service)

SURFACE PREPARATION

Rusty Steel and Weathered Rusty Galvanised Metal:

Pre-Prime 167 Sealer is design for less than ideal surface preparation. However, performance will be improved as surface preparation improves. All oil/ grease contaminants, loose rust, loose scale and loose paint must be removed. Best performance will be obtained by treating all surfaces with Devprep 88 Cleaner, followed by a high volume, low pressure water wash before applying Pre-Prime 167 Sealer.

Concrete and Masonry:

Remove oil, grease, mildew, form release agents, loose laitance and foreign matter before applying Pre-Prime 167 Sealer.

Previously Painted Surfaces:

Remove loose and peeling paint, loose rust and other surface contaminants. Clean with Devprep 88 Cleaner. Apply a test patch to confirm compatibility of Pre-Prime 167 with existing coating system.

DIRECTIONS FOR USE

Mixing:

Pre-Prime 167 Sealer is a two component product supplied in 1 litre and 4 litre kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together.

Add the converter portion to the base portion slowly with continued agitation. After the converter add is complete, continue to mix slowly until homogeneous.

The pot life of the mixed material is 4 hours at 25°C. Higher temperatures will reduce the working life of the coating; lower temperatures will increase it.

Thinning:

Do not thin this material.

Application:

Pre-Prime 167 Sealer may be applied by brush, roller or conventional spray. Airless spray is not recommended. To minimise overspray use low air pressure and pot pressure - 5 to 10 psi.

Pre-Prime 167 Sealer is low in viscosity. It should be applied in one thin, wet coat, sufficient to completely cover and penetrate to the steel surface. Do not apply heavy coats. Clean up application equipment with 1/2 Thinner.

One coat of Pre-Prime 167 Sealer at 40 microns is usually sufficient, but for porous surfaces two coats may be required.

Spreading Rate:

On non-absorbent surfaces the theoretical spreading rate of Pre-Prime 167 Sealer applied at 40 microns is 25 m²/litre. However, on absorbent surfaces, such as concrete, this spreading rate may be reduced by up to 50%.

Topcoats:

Pre-Prime 167 Sealer is normally topcoated with Bar-Rust 231, Devshield 236 or Altra~Shield 2000. Consult your Altex Coatings representative for alternatives.

Dry Time:

At 25°C and 50% RH, Pre-Prime 167 Sealer dries to recoat overnight. After overnight cure Pre-Prime 167 Sealer may be overcoated if still tacky.

Pre-Prime 167 Sealer should be overcoated within 72 hours from point of being tack free.

Clean-up:

Use 1/2 thinner

PRECAUTIONS

For industrial use only. See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

Pre-Prime 167 is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

ALTEX COATINGS LIMITED

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