

# SILCOR<sup>®</sup> Primer MT

Two component, phosphate/epoxy primer for metal surfaces as preparation for the application of SILCOR<sup>®</sup> liquid waterproofing membranes.

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## Product Description

Silcor<sup>®</sup> Primer MT is a phosphate/epoxy primer for metal surfaces prior to the application of Silcor<sup>®</sup> liquid waterproof membranes.

The primer is two component, supplied in pre-weighted sets.

- A-component : phosphate/ epoxy resin.
- B-component : polyamine hardener.

Mixing ratio : 1/1 volumetric

## Principal Applications

Fast curing primer for new and existing metal surfaces, prior to the application of Silcor elastomeric waterproof membranes.

- Glazing channels
- Drainage outlets
- Column bases
- Cladding upstands
- Other steel surfaces

Note: Metal surfaces other than steel will require different surface preparation. Contact GCP for further details.

## Installation

### 1. Surface Preparation

- Metal surfaces must be sound and clean. Remove all contaminants such as scale, rust, dirt, oils before application of the primer. Clean and sand blast the surface to near white finish (SA 2½) prior to application of the primer. Do not sand scatter and protect from sand scatter contamination.
- The surface needs to be dry before application of Silcor Primer MT.

### 2. Mixing

- Mix each component before mixing them together.
- Mix complete sets. Do not use part mixes.
- Mix well with a slow speed mixer (300 rpm) for 3 minutes until a homogenous mix is obtained.
- Mixing temperatures should be 5 to 30 °C. Higher temperatures reduce the pot life considerably.
- Pot life at 20 °C is 8 hours.

### 3. Application

- Assure sufficient ventilation during application of Silcor Primer MT.
- Apply Silcor Primer MT by brush, roller or airless spray. Distribute evenly over the surface to obtain uniform coverage. It is recommended when spray applying the primer to subsequently roll it down onto the surface to assure complete and uniform coverage.
- Typical consumption: 150 g/m<sup>2</sup>.
- Do not apply Silcor Primer MT when the ambient temperatures are below 5 °C or expected to drop below this temperature. Maximum application temperature 30 °C.
- Recommended maximum application delay after sandblasting steel to prevent flash rust are:

1 hour at a relative air humidity of 90%.  
2 hours at a relative air humidity of 85%.  
4 hours at a relative air humidity of 80%.  
10 hours at a relative air humidity of 70%.  
24 hours at a relative air humidity of 60%.  
Unlimited at a relative air humidity below 40%.

### 4. Curing

#### Curing times at 20 °C

Hand dry: 4 hours.

Maximum recoat time: 12 hours.

### 5. Cleaning and maintenance

- Clean all tools with solvent. Hardened material needs to be removed mechanically.

## Product Advantages

- Excellent adhesion to metal surfaces.
- Prevents 'flash' rust formation.
- Fast curing.
- BBA Certificate.
- European technical approval.

## Supply

	UNIT OF SALE
Silcor Primer MT Part A	6.2 kg metal pail
Silcor Primer MT Part B	0.9 kg metal pail

## Typical Properties

PROPERTY	TYPICAL VALUE
<b>A-component</b>	
Density	$\pm 1.55 \text{ kg/dm}^3$
Solids	$\pm 75\%$
<b>B-component</b>	
Density	$\pm 0.90 \text{ kg/dm}^3$
Solids	$\pm 71\%$
<b>Mixture</b>	
Density	$\pm 1.42 \text{ kg/dm}^3$
Pot Life (20°C)	8 hours

*All declared values shown in this data sheet are based on test results determined under laboratory conditions and with the product sample taken directly from stock in its original packing without any alteration or modification of its component parts.*

## Storage

All products should be stored internally, in original packaging at temperatures between 5°C and 25°C. Protect products from all sources of heat, moisture, frost and direct sunlight. Shelf life 2 years months maximum.

## NBS Specification Clause

Refer to Clause J30/130 and J31/130.

## Warranties

GCP and trained contractors will provide warranties for individual projects. Contact GCP for further details.

## Health and Safety

Read the product label and Safety Data Sheet (SDS) before use. Users must comply with all risk and safety phrases. SDSs can be obtained from [gcpat.com](http://gcpat.com).

[gcpat.uk](http://gcpat.uk) | United Kingdom customer service: +44 (0) 1480 478421

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Last Updated: 2018-08-24

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