



## ZINC RICH PRIMER

### DESCRIPTION:

Teamac Zinc Rich Primer contains a very high concentration of metallic zinc and allows conductivity in the dried film. The zinc coating gives cathodic protection. A form of cold galvanising.

### RECOMMENDED USE:

Teamac Zinc Rich Primer is for use on iron and steel as protection against corrosion. The coating must be in direct contact with the iron or steel to work correctly.

### AVAILABILITY:

0.5 litre, 1 litre and 2.5 litre

### FINISH:

Matt

### COLOUR:

Grey

### TYPICAL S.G. (SPECIFIC GRAVITY):

2.99 @ 20 °C

### VOLUME SOLIDS:

56.8%

### WET FILM THICKNESS W.F.T

125 microns

### DRY FILM THICKNESS D.F.T

70 microns

### EXPECTED SPREADING RATE:

8 sq.m / litre  
@ 70 microns D.F.T  
(Airless spray application)

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

### TYPICAL VISCOSITY:

8 Poise @ 25 °C

### FLASH POINT:

above 32 °C (closed cup)

### DRYING TIME: @ RECOMMENDED D.F.T

Touch dry: 30 mins @ 20 °C

Hard dry: 8 hours @ 20 °C

Full hardness: N/A

Low temperature and high humidity will adversely affect application, drying and performance of any coating.

### MINIMUM OVERCOATING TIME:

8 hours or overnight

### APPLICATION SPECIAL CONDITIONS:

N/A

### VOC CONTENT:

381 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

### APPLICATION DETAILS:

Application N/A  
restrictions

Method: Brush Airless Spray

Thinner Thinners 15 (5%) Thinners 16 (5%)  
(Max vol):

Nozzle size: 0.017" - 0.021"

Nozzle 1800 to 2000 psi  
pressure:

Cleaning solvent: Thinners 15 or  
16

Recoat interval: 8 hours or  
overnight

For further advice contact Teamac Technical Services on +44(0)1482 320194

The physical constants are subject to normal manufacturing tolerances.

**"COVERING OUR CUSTOMERS' NEEDS SINCE 1908"**

**TEAMAC**

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**ZINC RICH PRIMER****438/P201/252****SURFACE PREPARATION:**

Ensure all surfaces are clean, dry and free from grease, oil and any other contaminants.

Bare steel should be free from dust, rust and scale. Blast cleaning to SA 2½ is recommended. If blast cleaning is impractical, mechanical cleaning should be employed as hand cleaning does not clean the steel to the required degree. Any oil or grease should be removed with solvent before de-rusting. Where blast cleaning is carried out after assembly, special attention must be paid to edges, corners, nuts, bolts welds, etc. Welds should, if necessary be ground and all weld spatter, slag etc. must be removed.

**MIXING INSTRUCTIONS:**

Mix very well before use.

**APPLICATION CONDITIONS:**

As dictated by normal good painting practice. In confined spaces, provide adequate ventilation during application and drying.

**PRECEDING COAT:**

Apply direct to prepared iron and steel.

**SUBSEQUENT COAT:**

Suitable Teamac topcoat paints or Teamac Zinc Phosphate Primer as part of a specified Teamac anti-corrosive system.

**REMARKS:**

Must be applied in direct contact with the iron or steel to be affective.

**REVISION:**

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 320194.

**HEALTH AND SAFETY:**

See safety data sheet - SDS 10733

**ISSUED:**

20 November 2009

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