

**TECHNICAL DATA SHEET**  
**MORDANT SOLUTION (T WASH)**

TDS: TMMORD  
**420/MORDANT**

**DESCRIPTION:**

An acidic solution of a copper salt for the pre-treatment of clean zinc surfaces so as to provide a good key for paints which would otherwise show poor adhesion.

**RECOMMENDED USE:**

For application within seven days of galvanising at works. It can also be applied to weathered galvanising at site(see additional information)

**AVAILABILITY:**

2.5 litre polythene bottles

**FINISH:**

N/A

**COLOUR:**

Blue solution turning grey after application

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

1.01 to 1.02 @ 20 °C

**VOLUME SOLIDS:**

N/A

**WET FILM THICKNESS W.F.T**

**DRY FILM THICKNESS D.F.T**

**EXPECTED SPREADING RATE:**

40 (approx) sq.m / litre

N/A

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:**

Thin solution

**FLASH POINT:**

31 C °C (closed cup)

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

Touch dry: 1.5 - 2 hours @ 20 °C

Hard dry: N/A

Full hardness:

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

**MINIMUM OVERCOATING TIME:**

Do not recoat

**APPLICATION SPECIAL CONDITIONS:**

Within 7 days of galvanising. Only to degreased and uncontaminated surfaces

**VOC CONTENT:**

325 g / litre

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

**APPLICATION DETAILS:**

Application restrictions

Method: Brush Dip or roller

Thinner (Max vol): N/A N/A

Nozzle size: N/A

Nozzle pressure: N/A

Cleaning solvent: Clean water

Recoat interval: Do not recoat

**SURFACE PREPARATION:**

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

**The physical constants are subject to normal manufacturing tolerances.**

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**MORDANT SOLUTION (T WASH)****420/MORDANT**

Apply to new galvanising within 7 days. Zinc surfaces which are contaminated should be cleaned down using an abrasive pad, water and cleaning agent followed by rinsing and allowing to dry. If contaminated with oil or grease surfaces should be wiped over with Universal Degreaser before carrying out the cleaning down procedure. Can be applied to weathered galvanised surfaces although reactivity of the treatment will diminish as the age of the galvanising increases and can result in an uneven colouration from light grey to dark grey. If no colour change take place, these areas should be considered as contaminated.

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.

**MIXING INSTRUCTIONS:****APPLICATION CONDITIONS:**

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

**PRECEDING COAT:**

None

**SUBSEQUENT COAT:**

Successive coats should not be applied to overcome the lack in change of colour of the zinc surface.

**REMARKS:**

Many metallic surfaces are slowly attacked by Mordant Solution (T Wash). This must be borne in mind if spraying is considered. Guns and equipment may be damaged and must be washed thoroughly with fresh water immediately after each work period.

**HEALTH AND SAFETY:**

See safety data sheet - SDS 10847

**ISSUED:**

03 July 2024

**REVISION:**

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