

CI/SfB	(29)	Vv1	(K2)
CAW P10			
Uniclass JP10:L6811			

Product Information

Description

Fast drying, single pack modified alkyd primer.

Usage / Purpose

PM020 provides corrosion protection on structural steel. Well suited for fabrication shops that need fast cure to dry and handle time.

Finish

Matt

Colour

Red

Packaging

Supplied in 5 litre tins

Corrosion Risk

Suitable for C1 and C2 areas.

Availability

Only available from tremco illbruck or approved distributors overseas (see contact details for more information).

Usage Guidelines

Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

Surface Preparation & Priming

- Surfaces must be clean and dry.
- Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion on the coating.

Application Conditions

- Substrate temperatures should be 3°C above the dew point.
- Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate.
- Special application techniques may be required above or below normal application conditions.

Application Equipment

Airless spray equipment is recommended and should match these guidelines:

Operating Pressure: 1800 – 2030 psi

Tip Size: 13 – 17 thou

Hose 3/8 inch: ID

Filter Size: 60 mesh

APPLICATION METHODS

Mixing

PM020 is supplied ready for use and should not normally be diluted but should be thoroughly stirred prior to use. For conventional spraying however, up to 20% thinner can be used to assist atomisation. Contact us for details on thinners.

Thinning

May be thinned up to 20% with FC010.

Airless Spraying

The PM020 Primer is generally applied as follows, depending on specification:

No. of Coats: 1

WFT (mm): 68 – 98 µm

DFT (mm): 35 – 50 µm

Do not exceed 75 µm in a single coat.

Brush / Roller Application

Brush and roller application is only recommended for small areas

Recoat Times

These times are based on 35 µm dry film thickness. Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure.

Recoatable Depending on Temperature

20°C	3 hours
24°C	2 hours

Nullifire
Smart Protection

PM020

Single Pack High Build Primer



Key Benefits Summary

- One component product
- Rapid cure, fast to recoat and dry to handle
- Good filling properties on rough and pitted steel
- Can be applied by airless and conventional spray
- Tested with Nullifire basecoats to ensure compatibility

PMO20

Single Pack High Build Primer

Nullifire
Smart Protection

Technical Data

Property	Result
Composition	Single Pack modified Alkyd Primer
Volume Solids	51% ± 2%
VOC	419 g/l
Mix Ratio	Single Pack
Coverage Rates	Theoretical Coverage: 10.2 m ² /l@50 micron
Storage	Store in secure, dry warehouse conditions between +2°C and +43°C
Shelf life	24 months when stored as recommended in original unopened container @24°C

Application Advice

Ensure that:

- The product specification is appropriate for your intended requirements.
- The equipment is of correct specification.
- The site conditions and storage facilities are acceptable.
- You are fully conversant with the Application Instructions prior to use.

Site Work

When used 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 vapour concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA/NIOSH approved supplied air respirator.

Cleaning

Use FC002 or FC010 thinners

Specification

A tremco illbruck Representative will provide a specification for each project. tremco illbruck accepts no responsibility for defects arising from failure to follow the specification.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Flammable- keep away from open flames and other ignition sources.

Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.