

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

Product Information

Description

PM018 is a heavy duty, high build coating for protection of steel in corrosive environments. It also protects basecoats.

Usage / Purpose

Two-component modified epoxy coating

Finish

Semi-gloss

Colour

RAL 9002 (grey white)

Packaging

Supplied in 20 L kits

Corrosion Risk

Suitable for areas C1, C2 and C3.

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

- Surface must be clean and dry.
- Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
- For immersion service, abrasive blast cleaning to min. Sa 2 (ISO 8501-1).
- For non-immersion service, hand- or power tool cleaning to min. St 2 (ISO 8501-1) is acceptable.
- Alternatively, ultra-high pressure water jetting to Nace No. 7 min. C Vis WJ-2. Max flash rust; C Vis WJ-2M.

Application Conditions

- Industry standards are for substrate temperatures to 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.
- Material conditions are +5°C to +30°C.
- Surface conditions are +2°C to +50°C.
- Ambient conditions are +2°C to +40°C

Application Equipment

Airless spray equipment is recommended and should match these guidelines:

Operating Pressure: 2400 psi

Tip Size: 19 – 25 thou

Hose: 3/8 inch ID

Mixing

Power mix separately, then add curing agent to base component and power mix. DO NOT MIX PARTIAL KITS.

Thinning

May be thinned up to 15% with FC002.

Airless Spraying

PM018 is generally applied as follows:

No. of Coats: 1

WFT: 205 µm

DFT: 175 µm

Coverage is typically over 4.9 m² per litre @ 175 µm.

Brush / Roller Application

Brush and roller application is only recommended for small areas.

Recoat Times

Recoatable Depending on Temperature	
5°C	17 hours
10°C	10 hours
20°C	4 hours
25°C	3 hours

PM018

Primer or Top Seal Epoxy Coating



Key Benefits Summary

- Suitable either as a high corrosion resistant primer or as a protective top seal
- Easy to apply using airless spray equipment
- Protects base coated steel in transit from factory to site
- Available in RAL 9002 grey white
- Tested with Nullifire basecoats to ensure compatibility

PMO18

Primer or Top Seal Epoxy Coating

Nullifire
Smart Protection

Technical Data

Property	Result
Composition	Two-component epoxy
Volume Solids	85% ± 2%
Mix Ratio	1:1 (A to B) by volume
Pot Life or Sprayable Life	2 hours at +20°C
Coverage Rates	Theoretical coverage: 4.9 m ² per litre at 175 µm
Storage	Store in secure, dry warehouse conditions between +5°C and +45°C
Shelf Life	24 months when stored as recommended in original unopened container at 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

This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with applicable regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

Cleaning

Use FC002 Thinner

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.