



CORRO-TECH A.P. PRIMER

Single Component Solvent Based Moisture Cured Primer

Thortex Corro-Tech A.P. Primer is a high performance solvent based moisture cured polyurethane anticorrosive primer designed for use on grit blasted steelwork.

Thortex Corro-Tech A.P. Primer is based on a complex blend of high molecular weight isocyanate, prepolymers blended with anticorrosive pigments and silicas which produces a system with exceptional corrosion resistance.

Thortex Corro-Tech A.P. Primer is also suitable for use on manually prepared steel.

Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.

SURFACE PREPARATION

Steel Surfaces - Ideally all surfaces to be coated should be abrasive blast cleaned to a minimum Sa2½ in accordance with BS7079 Part A1:1989 or equivalent with a blast profile corresponding to 'Medium' in accordance with BS7079 Part C3 / ISO 8503 / 1. All loose abrasive dust and debris must be blown clear or vacuum cleaned away. Steel surfaces should be coated within 4 hours of blast cleaning to prevent rash rusting.

Where steelwork cannot be abrasive blasted surfaces can be prepared by grinding, needle gun or mechanical abrasion to create a suitable surface profile.

Surfaces can also be wet abrasive blasted.

Galvanised Surfaces - Surfaces should be thoroughly degreased and any white zinc salts should be removed.

Aluminium Surfaces - Surfaces should be degreased and thoroughly, uniformly abraded using 180/240 grade abrasive paper.

MIXING

Thortex Corro-Tech A.P. Primer is a single component material and should only require stirring prior to use to incorporate any slight separation.

APPLICATION

Provided the prepared surface is dry and free from condensation or ice **Thortex Corro-Tech A.P. Primer** can be applied at temperatures down to 0°C with no restriction on relative humidity. However, **Thortex Corro-Tech A.P. Primer** should not be applied during rain/snow or when precipitation is likely to occur before the coating has achieved a 'touch dry' state.

Thortex Corro-Tech A.P. Primer is designed for application by brush or roller, using good quality brushes or short to medium pile rollers.

For large applications the **Thortex Corro-Tech A.P. Primer** can be applied by conventional or airless spray equipment, full technical details can be supplied on request from the **Thortex Technical Centre**.

All equipment should be cleaned IMMEDIATELY after use with **Thortex Universal Cleaner**.

Theoretical Coverage Rate

11 m²/litre at 50 microns dft (118 ft²/litre at 2 mils dft)

Typical Film Thickness

Wet 90 microns (4 mils)

Dry 50 microns (2 mils)

Detailed working recommendations are available from the Technical Centre on request.

PHYSICAL CONSTANTS

Mixing Ratio	Supplied ready for use.	
Appearance	Silver grey liquid.	
Drying & Cure		
Times at 20°C	Touch Dry	1 hour
	Hard Dry	4 hours
	Minimum Overcoating	2 hours
Maximum Overcoating:-	(with Corro-Tech A.P.)	21 days
	(with Corro-Tech U.V.)	24 hours
	Full Cure	7 days
Volume Solids	55%	
V.O.C.	353 gm/litre	
Shelf Life	Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F)	

HEALTH AND SAFETY

As long as normal good practice is observed **Thortex Corro-Tech A.P. Primer** can be safely used.

Thortex Corro-Tech A.P. Primer is flammable in the wet state and should be stored away from sources of ignition.

Protective gloves should be worn.

Adequate ventilation should be provided during use.

Vapour masks should be worn for spray application.

A fully detailed **Material Safety Data Sheet** is either included with the material or is available on request.

FOR FURTHER INFORMATION PLEASE CONTACT

PACKAGING

Supplied in 5 litre units

The information provided in this Product Data Sheet is intended as a general guide only and should not be used for specification purposes. The information is given in good faith but we assume no responsibility for the use made of the product or this information because this is outside the control of the company. Users should determine the suitability of the product for their own particular purposes by their own tests.



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