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## ISF TECHNICAL DATA SHEET

# Universal High Build Primer



### FEATURES

- High quality, single pack, phenolic modified primer
- Contains zinc phosphate - exceptional external weathering
- Excellent build, for application to shot-blasted metal
- Recommended for use as a protective construction coating

USES	Interior & Exterior metal work.
TOPCOAT	QD1 (Fast Dry) Enamel Promatch QD1 (Fast Dry) Enamel Metallic QD1 (Fast Dry) Enamel Special QD8 (Fast Dry Comp) Enamel Promatch QD8 (Fast Dry Comp) Enamel Metallic QD8 (Fast Dry Comp) Enamel Special
TOPCOAT CATALYST	N/A
BASECOAT	UNIVERSAL HB Primer 9305 Buff UNIVERSAL HB Primer 9306 Black UNIVERSAL HB Primer 9307 White UNIVERSAL HB Primer 9308 Grey UNIVERSAL HB Primer 9309 Red Oxide
BASECOAT CATALYST	N/A
THINNER FOR SYSTEM	No 99 QAD Thinners No 31 Anti Bloom Retarding Thinners
CLEANER FOR SUBSTRATE	No 40 Solvent Degreaser
CLEANER FOR EQUIPMENT	ISF Spray Gun & Brush Cleaner
APPLICATION EQUIPMENT	Conventional airless / airmix spray equipment or brushing.



## APPLICATION PROCESS

Stir & mix the products well prior to use.

Please ensure substrate is clean using a suitable degreaser: Recommended No 40 Degreaser.

The surface should be grit or shot-blasted prior to degreasing, ensuring any loose dust or scale being removed by wire brushing.

Thin with 99 QDT Thinners up to 20% by volume. If a superior build is required, the use of airless spray is recommended, with no thinners added.

This product is not recommended for use onto non-ferrous substrates (aluminium, stainless, galvanised) - Please consult our Technical Services Department for further advice.

In all cases we advise a light de-nib with suitable sandpaper before applying a topcoat or subsequent primers.

## FURTHER INFORMATION

Environmental Considerations: Please ensure the product is applied in temperatures above 10°C. Applications below this temperature would mean the solvents will not be able to evaporate correctly, this could then lead to the product "blocking out" (not drying).

If applying the product in high salt environments it is recommended that a DFT of 300 microns' minimum (topcoat & primer combined) is applied.

Do not apply to wet or damp surfaces, all damp areas must be fully dried before being painted.

May be used through AIRLESS application - recommended tip size 1.7. Ideal product for AIRLESS application where a minimum 150 DFT is required for exterior use, can be applied up to 1mm thick without sagging or running.

This product can also be supplied in 400 ml Aerosols with professional adjustable fan nozzles.

## CLEANING & MAINTENANCE

Cleaning schedule N/A for the Universal High Build Primer.

To meet the guidance of the drying times stated below the operation Temperatures of both the environment and product will need to be within 18°C - 20°C.

Lower or higher Temperatures of either the environment or product will have an impact on the stated drying times.

High film weights will result in extended drying times.

Please speak with the Technical Team on how to manage any adverse changes.

Storage Temperatures should be maintained above 5°C.

Coverage	Touch Dry	Recoat Time	Max Resistance	Pot Life	Mix Ratio	Shelf Life	Pack Size
8-10 Sq.m/lt	15-20 mins	60 mins	7 Days	N/A	N/A	12 months	1, 5 & 25lt

### HARDNESS



### ENVIRONMENTALLY FRIENDLY



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*This version: March 2025*

