

Maintenance Painting Specification N° 303A

APPLICATION: EXTERNAL, EXPOSED STEELWORK (5-15 YEARS).

ENVIRONMENT: Rural, and Urban areas with low pollution (up to ISO 12944 C3)

LIFE TO FIRST MAINTENANCE: This alkyd based system is considered suitable for a 5-15 year life to first maintenance in the environment described.

PROJECT DESCRIPTION Suitable for all steel work in rural and urban atmospheres with low sulphur dioxide, acid, alkali and salt pollution. Typical applications include structural steel, cranes, mechanical equipment, bridges, railings, street furniture and tank externals.

SURFACE PREPARATION:

Degrease to remove oil, grease and dirt using a water based degreaser.

Manual preparation: Prepare using rust scrapers, chipping hammers, needle guns, wire brushes etc. to St2 as per EN ISO 8501 – 1:1998 standard or equivalent. Ensure all scale is removed. Wash down with clean fresh water prior to application. Allow to dry.

Mechanical Preparation: Blast clean to minimum Sa1 as per EN ISO 8501-1:1998 or equivalent. Wash down with clean fresh water prior to application. Allow to dry.

New steel: All mill scale must be removed prior to application.

Surface Profile: Minimum 50 to Maximum 75 microns (3 Mils)

COATING SYSTEM RECOMMENDED

COAT	PRODUCT	WET FILM THICKNESS	DRY FILM THICKNESS
1	Corroless S1 primer	80 microns	35 microns
2	Corroless S2 primer	80 microns	35 microns
3	Corroless RF16 Topcoat	143 microns	60 microns
Typical total dry film thickness			130 microns

Stripe coat all nuts, bolts, edges welds etc before each full coat.

NOTES

Although the system meets the performance requirements of ISO 12944-5 1998 Category C3 and it should be noted that we specify a lower standard of preparation than the standard requires because of the unique rust stabilising characteristics of our primers.