

Series 1900: Protection of Steelwork Against Corrosion

Protective System

- Units 1 The units of measurement shall be:
- (i) protective system..... square metre
- Measurement 2 The measurement shall be the surface area to be treated.
- Itemisation 3 Separate items shall be provided for protection of steelwork against corrosion in accordance with Chapter II paragraphs 3 and 4 and the following:

| Group | Feature |
|-------|---------------------|
| I | 1 Protective system |
| II | 1 Different types |

Protective System

- 4 The items for protective system shall in accordance with the Preambles to Bill of Quantities General Directions include for:
- Item coverage
- (a) despatching paint samples to testing authority;
- (b) shop procedural trials;
- (c) site procedural trials;
- (d) masking and other measures to protect adjacent untreated work and the removal of masking and other measures upon completion;
- (e) joint fillers and treatment of joints;
- (f) preparing materials for application;
- (g) preparation of surfaces and coating at the place of fabrication and on Site;
- (h) complying with any special requirements in respect of ambient conditions including the containment of dust and debris and for intervals between successive operations and applications;
- (i) labelling;
- (j) storage;
- (k) stripe coats;
- (l) de-nibbing;
- (m) heat treatment;
- (n) obtaining the correct dry film thickness of paint or other coating;
- (o) measures to protect uncoated steelwork;
- (p) preparation and supply of system and data sheets;

- (q) facilities and assistance for Employer Representative's inspection.

Maintenance & Painting of Steelwork

Surface Preparation and Protective System

- 5** The items in this Series are for the measurement of maintenance painting work. Protective systems to new steelwork shall be measured under Series 1900.
- Units**
- 6** The units of measurement shall be:
- (i) surface preparation and protective system to general surfaces square metre
 - (ii) surface preparation and protective system to parapets, pedestrian guardrails and the like linear metre
 - (iii) surface preparation and protective system to bearings, CCTV masts, steel lighting columns, bracket arms, equipment boxes, cabinets and the like number.
- Measurement**
- 7** The measurement of surface preparation and protective system to general surfaces shall be the surface area to be treated.
- The measurement of surface preparation and protective system to parapets, pedestrian guardrails and the like shall be the developed length (on plan) to be treated.
- The measurement of surface preparation and protective system to bearings, CCTV masts, steel lighting columns, bracket arms, equipment boxes, cabinets and the like shall be the complete unit.
- Itemisation**
- 8** Separate items shall be provided for surface preparation and protective system, in accordance with Chapter II paragraphs 3 and 4 and the following

| Group | Feature |
|-------|--|
| I | 1 Surface preparation. |
| | 2 Protective system. |
| II | 1 General surfaces |
| | 2 Parapets, pedestrian guardrails and the like. |
| | 3 Bearings, CCTV masts, steel lighting columns, bracket arms, equipment boxes, cabinets and the like |
| III | 1 Different sizes. |
| IV | 1 Different methods. |
| V | 1 Different types. |
| VI | 1 Different locations |

Note: Group VI shall be applied only to Group II Feature 1

Surface Preparation

- 9** The items for surface preparation shall in accordance with the Preambles to Bill of Quantities General Directions include for:

| | |
|--------------------------|---|
| Item coverage | (a) procedure trials; |
| | (b) masking and other measures to protect adjacent untreated work and the removal of masking and other measures upon completion; |
| | (c) complying with any special requirements in respect of ambient conditions including the containment of dust and debris and for intervals between successive operations and applications; |
| | (d) joint fillers and sealant and treatment of joints and plies; |
| | (e) removal of water, condensation, oil, grease, residues, encrusted rust, foreign matter and contaminants; |
| | (f) cleaning; |
| | (g) rinsing, washing; |
| | (h) feathering edges; |
| | (i) profiling; |
| | (j) protection of prepared areas; |
| | (k) drying; |
| | (l) disposal (as Series 600 paragraph 39); |
| | (m) facilities and assistance for inspection by the Overseeing Organisation. |
| Protective System | 10 The items for protective system shall in accordance with the Preambles to Bill of Quantities General Directions include for: |
| Item coverage | (a) procedure trials, trial panels and reference panels; |
| | (b) protective system (as Series 1900 paragraph 4); |
| | (c) patch coats. |