

PURPOSE

The objective of this section is to provide a summary of the requirements of AS3894.10,11,12 for the record keeping relating to all aspects of surface preparation and coating application.

The success of any coating application is subject to many factors including but not limited to:

- Ambient conditions during surface preparation, application and curing
- Cleanliness of equipment
- Suitability of coating system
- Appropriate surface application method
- Adherence to dry film thickness
- Quality of paint
- Appropriate site access, lighting and ventilation

Therefore, it is crucial that accurate records be kept for quality assurance, future assessment and possibly warranty purposes.

The attached forms are provided as a guide to assist coating contractors in recording the details relating to;

- Coating system (I-20A)
- Equipment condition (I-20B)
- Surface and ambient conditions (I-20C)

In order to accurately record job details the record taker must be appropriately trained in accordance to the applicable Australian Standard and equipment must be in good working condition and calibrated. Details must be recorded during the course of each day to ensure accurate records are taken.

OTHER SOURCES OF INFORMATION

The following documents are provided as a reference and should be referred to.

- AS/NZS 3894.10 Site Testing of Protective Coatings



The Business is committed to quality in the design, production and delivery of its products and services. The Australian manufacturing facilities quality management systems are certified to ISO9001.

The Business' laboratory facilities are accredited for technical competence with the National Association of Tests Authorities, Australia (NATA) and comply with the requirements of ISO/IEC 17025. Accreditation No.104 (Footscray and 931 (Kilburn).



For the most up to date information contact Wattyl Customer Care or visit the Wattyl Website.

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PROJECT/ITEM NAME/REFERENCE:				ID NUMBER:	
DESCRIPTION:				DATE:	
SUBSTRATE:			COATING SPECIFICATION #		
COATING SYSTEM	1ST COAT	2ND COAT	3RD COAT	4TH COAT	
Product					
Batch# Part A					
Batch# Part B					
Colour					
Thinner					
% Thinner Used					
Application Method *					
Date and Time of Application					
Wet Film Thickness (um)					
Dry Film Thickness (um)					
Specified					
Average					
Maximum					
Minimum					
Number of Readings Taken					
CURE/FULL DRY [✓] Method AS 3894.4 []		PASS []		FAIL []	
Pass []		Reject []		Repair []	
Comments					
Signed					
Printed Name				Date	

* Application Method: B-Brush, R- Roller, S- conventional spray, A- airless spray

PROJECT/ITEM NAME/REFERENCE:		ID NUMBER:	
DESCRIPTION:		DATE:	
SUBSTRATE:		COATING SPECIFICATION #	
SITE WORK AREA CONDITIONS [✓]			
Totally enclosed []	Roofed []	Fully exposed []	
Clean []	Dusty []	Sealed floor []	Well ventilated []
Cramped access []	Clear access []	Marine, on-shore []	Marine, offshore []
Ground level []	Height [] metres	Scaffold required []	Hazardous []
TEST EQUIPMENT			
TEST REQUIREMENT		TYPE/MODEL	Calibration Date (vs ref std)
ABRASIVE BLAST STANDARD - AS 1627.4			
PROFILE - AS 3894.5			
WET FILM THICKNESS - AS 3894.3			
DRY FILM THICKNESS - AS 3894.3			
DEWPOINT/HUMIDITY - AS 3894.7			
ADHESION TESTING - AS 3894.9			
HARDNESS - AS 3894.4			
CONTINUITY TESTING - AS 3894.1			
OTHER			
APPLICATION METHOD *			
SPRAY EQUIPMENT		Model:	Gun:
		Tip size:	Needle:
			Air cap:
AIR SUPPLY	ABRASIVE BLAST CLEANING	SPRAY APPLICATION	
COMPRESSOR MODEL:			
CAPACITY:			
AIR PRESSURE:	Single pot :	Pressure pot :	
	Double pot :	Airless pump :	
	Blast nozzle:	Gun:	
Water trap fitted (Y/N):	Condenser fitted (Y/N):	Filter fitted (Y/N):	
Comments:			
Signed:			
Printed Name:			Date:

* Application Method: B-Brush, R- Roller, S- conventional spray, A- airless spray

PROJECT/ITEM NAME/REFERENCE:								ID NUMBER:				
DESCRIPTION:								DATE:				
SUBSTRATE:					APPLICATOR/SUPERVISOR:							
WEATHER CONDITIONS [✓]												
Time	Clear/ Sunny	Over- Cast	Fog	Dew	Rain				Wind			
					Light	Mod.	Heavy	Showers	Light	Mod.	Strong	
0600 or start												
0900												
1200												
1500												
1800												
Other												
AMBIENT/SURFACE CONDITIONS												
Time	Air/Dry Bulb °C	Wet Bulb °C	Humidity %	Substrate Temp. °C	Dew Point °C	Substrate Temp. (Minus) Dewpoint	OK To Paint (Y/N)					
0600 or start												
0900.												
1200												
1500												
1800												
Other												
SURFACE PREPARATION												
Abrasive Blast AS1627.4			Surface Rust (A-D):				Comment:					
			Blast Finish (eg Sa2):				Profile (um):					
			Abrasive Type:				Abrasive Grade:					
Blasting Environment			Chamber [], Covered [], Open [], Internal []									
Surface Condition at time of application			Free Of (Y/N): Dust And Spent Abrasive [], Oil And Contaminants [], Flash Rusting [], Weld Porosity [], Weld Spatter [] Weld Slag [], Sharp Edges [], Laminations [], Burrs []									
			Time Painted:									
Comments												
Signed												
Printed Name									Date			