

PRE-QUALIFICATION TEST PANEL REPORT

PROJECT: ZINGANIZATION of Rebars

JOB Nr. : ZM - BRC - ACPL / 15FEB20

OWNER : BRC Asia Ltd

MAIN CONTRACTOR:

SITE / SHIPYARD : Abraclean (Asia Pacific) Pte Ltd

SUBSTRATE : Carbon Steel



This Document has been prepared to the best of our knowledge and the data in it relates only to the actual date and time of inspection as stated in the document. ZINGAMETALL shall not be held responsible for any damage to the applied coatings, and / or substandard conditions, which the applied coatings may have been exposed to, after the time of inspection.

The presence and / or the technical advice of the ZINGAMETALL Technical Service Representative shall not relieve the yard / (sub) contractor and owners of their responsibility for correct execution and quality assurance of the coating work, and ZINGAMETALL and its affiliated companies shall at all times be held harmless and indemnified against any third party claims.



TEST PANEL APPLICATION REPORT

Project: ZINGANIZATION of Rebars						Paint Supplier:			ZINGAMETALL BVBA Carbon Steel			
					Substrate:							
Job No.:						Coating System: Test Panel:			ZINGA by Roller			
Owner: BRC Asia										#1 -	- 7	
Main Contractor:												
SURF#	ACE PREPARATION											
	e cleanliness achieved:		SSPC - SF	P10								
Cleani	ng Method:	Autoblast										
	e Profile achieved:	SA 2.5				no testex	tape y	ou n	nay at	ach a	phot	o of the
	ive Size Used:	- Steel Shots					profil	e me	asure	ment)		
Air Pre	essure Used:		-									
ENVIR	ONMENTAL CONDITIO	NS										
Date:		15	FEB	2020								
Time:			10:45	AM								
Dry Bulb (°C):		32										
Relative Humidity (%):			76									
Surface Temp. (°C):			32									
Dew Point (°C):		28										
PAINT	ING APPLICATION											
Coat No.		1				2			3			
Date:		15	FEB	2020								
Time:		11:15 AM										1
Product Name :		ZINGA										
Product Colour:		GREY										
Application Method:		Roller										
Spray Tip Size Used:												
Air Pressure Output Used:				(psi)			(р	si)				(psi)
Batch	No. (Base):											
Batch	No. (Hardener):											
Volume Solids:		58%										
Thinner %:		10%										
Batch	No. (Thinner):											
Wet Film Thickness (WFT):		101		(µm)		(µm)		n)				(µm)
Dry Film Thickness (DFT):		58		(µm)			(µm)					(µm)
Visual Inspection:		SATISFACT		TORY								
Average DFT:		59		(µm)		(μm)		n)				(µm)
REMA	RKS:											
	_											
ZINGA	METALL TECH	Site / Yard Repr			esen	tative Cli			ient Representative			
5										•		
GURMIT SINGH			e AKLAS UDDIN				Name					
Signature		Signature					Signa					

Date: 15-Feb-2020

Date:

Date: 15-Feb-2020

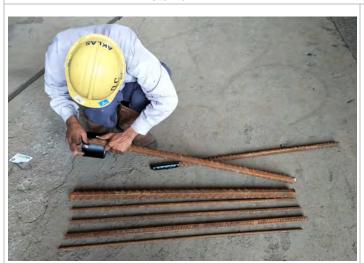




BUNDLED TEST PIECES

Original Condition as received

Photo No. 1



SSPC SP1 DEGREASING

Using Black Tape on area that will not to be treated

This is followed by solvent cleaning to degrease and remove oil, grease and other foreign matters

Photo No. 2



SSPC - SP10 BLASTING

Rebars placed on autoblast machine to be blasted to SA 2.5

Photo No. 3





SSPC - SP 10 BLASTING

Rebars blasted to SA 2.5

White Tape to demarket blasted area on test samples

Photo No. 4



APPLICATION OF ZINGA

Prerparing Roller to ensure no loose hairs prior to coating

Photo No. 5



APPLICATION OF ZINGA

10% of Zingasolv added to ZINGA prior to application by roller

Photo No. 6





APPLICATION OF ZINGA

ZINGA application by roller

WFT 100 microns

Photo No. 7



APPLICATION OF ZINGA

ZINGA application by roller all around the rebars

WFT 100 microns

Photo No. 8



COMPLETED PROJECT

ZINGANIZED REBARS

Photo No. 9





COMPLETED PROJECT

DFT Check #1

56.1 MICRONS DFT

Photo No. 10



COMPLETED PROJECT

DFT Check #2

54.8 MICRONS DFT

Photo No. 11



COMPLETED PROJECT

DFT Check #3

56.5 MICRONS DFT

Photo No. 12

END OF REPORT