



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
Job No.:	Substrate: Carbon Steel
Owner: BRC Asia	Coating System: ZINGA by Roller
Main Contractor:	Test Panel: #1 - 7

SURFACE PREPARATION

Surface cleanliness achieved: SSPC - SP10	(If no testex tape you may attach a photo of the profile measurement)
Cleaning Method: Autoblast	
Surface Profile achieved: SA 2.5	
Abrasive Size Used: - Steel Shots	
Air Pressure Used: -	

ENVIRONMENTAL CONDITIONS

Date:	15	FEB	2020						
Time:	10:45 AM								
Dry Bulb (°C):	32								
Relative Humidity (%):	76								
Surface Temp. (°C):	32								
Dew Point (°C):	28								

PAINTING APPLICATION

Coat No.	1			2			3		
Date:	15	FEB	2020						
Time:	11:15 AM								
Product Name :	ZINGA								
Product Colour:	GREY								
Application Method:	Roller								
Spray Tip Size Used:									
Air Pressure Output Used:			(psi)			(psi)			(psi)
Batch No. (Base):									
Batch No. (Hardener):									
Volume Solids:	58%								
Thinner %:	10%								
Batch No. (Thinner):									
Wet Film Thickness (WFT):	101		(µm)			(µm)			(µm)
Dry Film Thickness (DFT):	58		(µm)			(µm)			(µm)
Visual Inspection:	SATISFACTORY								
Average DFT:	59		(µm)			(µm)			(µm)

REMARKS:

ZINGAMETALL TECH

Site / Yard Representative

Client Representative

Name	GURMIT SINGH	Name	AKLAS UDDIN	Name	
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Signature: _____ Signature: _____ Signature: _____

Date: 15-Feb-2020 Date: 15-Feb-2020 Date: _____

PHOTO REPORT - ZINGANIZATION OF REBARS



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

PHOTO REPORT - ZINGANIZATION OF REBARS



Photo No. 4

**SSPC - SP 10
BLASTING**

Rebars blasted to SA 2.5

White Tape to demarket
blasted area on test
samples



Photo No. 5

APPLICATION OF ZINGA

Preparing Roller to ensure
no loose hairs prior to
coating



Photo No. 6

APPLICATION OF ZINGA

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

PHOTO REPORT - ZINGANIZATION OF REBARS



APPLICATION OF ZINGA

ZINGA application by roller

WFT 100 microns

Photo No. 7



APPLICATION OF ZINGA

ZINGA application by roller
all around the rebar

WFT 100 microns

Photo No. 8



COMPLETED PROJECT

ZINGANIZED REBARS

Photo No. 9

PHOTO REPORT - ZINGANIZATION OF REBARS



Photo No. 10

COMPLETED PROJECT

DFT Check #1

56.1 MICRONS DFT



Photo No. 11

COMPLETED PROJECT

DFT Check #2

54.8 MICRONS DFT



Photo No. 12

COMPLETED PROJECT

DFT Check #3

56.5 MICRONS DFT

END OF REPORT