

**ARENCO**  
CRESCENT SITE OFFICE  
11 JAN 2016 03:33

**ARENCO**

ABDULLAH AHMED ALMOOSA  
architectural & engineering consultants

**中建中东有限公司**  
CHINA STATE CONSTRUCTION ENGINEERING (MIDDLE EAST) (LLC)

JOB# : 1880

REF # : CSC-1880-MEP-MAR-M-PD-030, Rev 01

APPROVAL OF MATERIAL(S)

C39

Project Name : 1880 RESORT HOTEL, CRESCENT PALM JUMEIRAH FOR Mr. ABDULLAH AHMED AL MOOSA

Plot No. : PJCRC39      Location : Plam Jumeirah      City : DUBAI

Main Contractor : China State Construction Engineering Corporation (ME) LLC

Department:       Architectural       Structural       MEP

Material(s) Item : PVC Solvent Cement & Adhesive Primer

ARENCO Specified Material(s)	Proposed Material(s)
Nil	M/s. ARROW ADHESIVES, USA

Sub-contractor / Supplier : AQUATEKNIK FZE LLC, SHARJAH, UAE

Manufacturer : ARROW ADHESIVES COMPANY, USA

Local Agent : AQUATEKNIK FZE LLC, SHARJAH, UAE

Enclosures : Hard and Soft copy of complete material submission with specification and compliance.  
(Global Tech Approval is attached)

Reason(s) for Alteration : N/A

Prepared by : CSCEC MEP      Signature:      Date: 11-01-16

Reviewed by : MEP Coordinator      Signature:      Date: 11-01-16

Submitted by : SPM/PM      Signature:      Date: 11-01-16

**This portion is for the use of Consultant only**

Status     Approved     Approved As Noted     Rejected     Resubmit

Comments : *Refer comment's on attached sheet*

Signed by: *ADI*      Signature:      Date: 8/2/16

**This portion is for the use of Client only**

Status     Approved     Approved As Noted     Rejected     Resubmit

Comments :     

Signed by:      Signature:      Date: 10 FEB 2016

This form is to be handed over to ARENCO early enough. Sometime, approval of Material(s) may taken upto two weeks.

PROJECT: B+G+6+R RESORT HOTEL.  
JOB# : C39- 1880  
PLOT NO: PJTCRC39.  
CLIENT: MR. ABDULLAH AHMED AL MOOSA.

CONSULTANT:  
**ARENCO**  
Architectural & Engineering Consultants

Submittal Ref : CSC-1800-MEP-MAR-M-PD-030 Rev-01

Material : PVC SOLVENT Cement & Adhesive Primer

Status : Approved as noted

Engineer's Comments:

**NO OBJECTION TO USE "Arrow Adhesives" USA make PVC Solvent Cement & Adhesive Primer for drainage services**

- 1- Contractor to follow the manufacturer's recommendation (Pipe & Fittings) while installation/jointing on site
- 2- Contractor to Follow manufacturer's instruction for transportation & storage .
- 3- MIR shall be submitted with every delivery along with Bill of Lading and country of origin duly signed and sealed by Chamber of commerce(original) .
- 4- Ensure delivered material shall have minimum 6 month validity from expiry date and shall be used before Expiry date of the product.







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ABDULLAH AHMED ALMOOSA  
architectural & engineering consultants



中建中東有限責任公司

CHINA STATE CONSTRUCTION ENGRG. CORP. (MIDDLE EAST)(LLC)

JOB # 2080

REF.# CSC-2080-MEP-MAR-M-PD-007

APPROVAL OF SAMPLE ON SITE

H02

Project Name : B+G+13+R - RESORT HOTEL

Plot No. : PJTRH02 Location : Palm Jumeirah City : DUBAI

Main Contractor: : China State Construction Engineering Corporation (ME) LLC

Department:  Architectural  Structural  MEP

Material(s) Item : PVC Solvent Cement & Adhesiver Primer

ARENCO Specified Material(s)	Proposed Material(s)
Not Specified	M/s/ ARROW ADHESIVES, USA

Supplier of Material(s) : AQUATEKNIK, DUBAI.UAE

Manufacturer : ARROW ADHESIVES, USA

Local Agent : AQUATEKNIK, DUBAI.UAE

Enclosures : Sample Board

Reason(s) for Alternative Supplier / Installer :

Sample is ready for Inspection on 18-Apr-15

Reviewed by : MEP Dept Signature: [Signature] Date: 26/04/15

Prepared by : QA/QC Signature: [Signature] Date: 26/04/15

Submitted by : SPM/PM Signature: [Signature] Date: 26/4/15

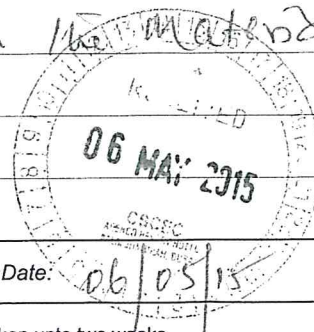
This portion is for the use of Consultant only

Status  Approved  Approved As Noted  Rejected  Resubmit

Comments : Refer the comments on the material submittal

Signed by: ADT Signature: [Signature] Date: 06/05/15

This form is to be handed over to ARENCO early enough. Sometime, approval of Material(s) may taken upto two weeks.



PROJECT: B+G+13+R RESORT HOTEL.  
JOB# : H02- 2080  
PLOT NO: PJTRH02.  
CLIENT: MR. ABDULLAH AHMED AL MOOSA.

CONSULTANT:

**ARENCO**

Architectural & Engineering Consultants

Submittal Ref : CSC-2080-MEP-MAR-M-PD-007 Rev-0

**Material : PVC SOLVENT Cement & Adhesive Primer**

**Status : Approved as noted**

Engineer's Comments:

**NO OBJECTION TO USE "Arrow Adhesives" USA make PVC Solvent Cement & Adhesive Primer for drainage services**

- 1- No objection to use Arrow Make Arrow make solvent cement and primer for plumbing services.
- 2- Contractor to following recommendation of Piping/Fittings manufacturer while jointing.
- 3-Contractor to Follow manufacturer's instruction for transportation & storage .
- 4- MIR shall be submitted with every delivery along with Bill of Lading and country of origin duly signed and sealed by Chamber of commerce(original) .
- 5-Delivered material shall have minimum 6 month validity from expiry date and shall be used before Expiry date of the product.

*Handwritten signature*

*Qdi*  
*6/5/15*

**REVIEW & APPROVAL REQUEST**

Project:	ARENCO Resort Hotel H - 03
Project Location:	Plot No. PJTRH-03, Palm Jumeirah, Dubai, UAE
Project Reference:	GT/PJ/14/1125

Client:	China State Construction Engineering Corporation	Green Building Consultant:	GlobalTech Safety & Environmental Consultancy
Address:	P. O. Box 639321, Jumeirah Lake Towers, Dubai, UAE	Address:	P.O. Box 11010 Dubai, UAE
Contact Details:		Contact Details:	Tel: 04 3573337; Fax: 04 3573338

Submittal Description	PVC Solvent Cement and Adhesive Primer		
Submittal Type:	MAR: Material Approval Request	Submittal Reference:	GT/GB/1125/SMDREV/15/82
Date Received:	Apr 23, 2015	Revision:	0
Your Reference:	No Ref.No	Date Submitted:	Apr 23, 2015
(For Material Submittal, Please fill up the details below)			
Supplier:	Aquatechnik FZE	Manufacturer:	Arrow Adhesives
Address:		Address:	
Contact Details:		Contact Details:	

Submittal Codes:

MAR: Material Approval Request  
TS: Technical Submittal

MS: Method Statement Submittal  
SDS: Shop Drawing Submittal

SPQ: Sub-Contractor Pre-Qualification Approval

**Green Building Consultant Comments:**

✔

Approved (APP):  
 1. Solvent cement- APPROVED  
 Technical catalogue confirming the VOC content is acceptable and compliant .  
 2. Adhesive primer- APPROVED  
 Technical catalogue confirming the VOC content is acceptable and compliant .

Action Codes:

- APP: Approved                     
  AAN - Approved as Noted                     
  ANR - Approved as Noted, Resubmit                     
  No Comment  
  
 INR: Incomplete, Resubmit                     
  NAR - Not Approved, Resubmit                     
  NR - Not Required

**GlobalTech Green Building Project Management:**

- Sustainable Management Division (SMD)                     
  Commissioning Division (CXD)                     
  Environmental Management Division (EMD)

Name:	Aparna Chintakunta	Designation:	Project Manager	Signature:		Date:	Apr 23, 2015
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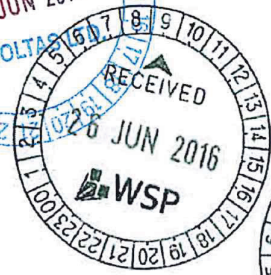
**Contractors Transmittal**

Project C2 & C4  
Company Voltas Limited

System Reference CT-01557 Package Number 60300-369  
User Ref AFC-VOL-AC606-TN-00409

**Contractors Transmittal**

Project C2 & C4 Ref. C2C4  
System Reference **CT-01557**  
User Ref **AFC-VOL-AC606-TN-00409**  
Transmittals **Voltas' Material Submittal for "PVC Solvent Cement"**  
Company Voltas Limited  
Created On 25/06/2016 10:45:07  
Raised By Das, Krishna Direct Tel +971 4 8060000 Mobile Tel  
Active/Inactive Open, Active  
Transmittal Type Material Data Sheets



Distribution		(Recipients E-Mailed)					
Company	Name	Reason For Issue	Required By	Completed On	Issued On	Issued By	Accessed On
AI Futtaim Carillion LLC	Lal, Harbhajan	Information	25/06/2016 10:45:07		25/06/2016 10:45:07	Das, Krishna	
AI Futtaim Carillion LLC	Madayag, Lolito	Information	25/06/2016 10:45:00		25/06/2016 10:45:07	Das, Krishna	
AI Futtaim Carillion LLC	Yadav, Dhanvir	Information	25/06/2016 10:45:00	25/06/2016 17:03:30	25/06/2016 10:45:07	Das, Krishna	Read On 25/06/2016 17:03:30
Company	Name	Reason For Issue	Required By	Completed On	Issued On	Issued By	Accessed On

**Associated Documents**

Register	Name	Iss	Rev	Proj	Stat	Description	Company	Issued
Contractor Material Data Sheets (1)	AFC-VOL-AC606-MDR-MAT-00054	5	02		Sub Approved	Material Submittal for "PVC Solvent Cement"	Voltas Limited	25/06/2016
Register	Name	Iss	Rev	Proj	Stat	Description	Company	Issued

DTCO PROJECT - PHASE IAZ				
VOLTAS LIMITED				
DATE RECEIVED:				
CIRCULATION	NAME	ACT	INF	ENC
PD				
PM				
SCM				
ELEC. ENG				
MECH. ENG				
ELV. ENG				
P&D ENG				
PLNG. ENG				
QA/QC				
OS				
Admin				
Head Office				
Safety				

Mr. Anand B  
Mr. Deepthi  
Mr. Sanjay

Signed D. CELSO  
Date 25-06-16

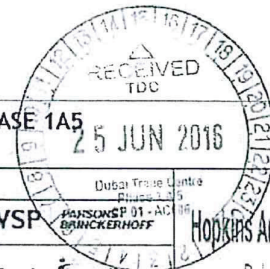
SEE FOLLOWING COMMENTS  
26/6/16

28.06.16 - STATUS B





**PROJECT: DUBAI TRADE CENTRE DISTRICT - PHASE 1A5**



 DUBAI WORLD TRADE CENTRE	CLIENT :	Dubai World Trade Centre	
	CONSULTANT :	Hopkins Architect Dubai / WSP	 WSP HANSONG P 01 - AC BRINCKERHOFF
	MAIN CONTRACTOR :	AL - FUTTAIM CARILLION L.L.C	 Al-futtaim  carillion
		VOLTAS LIMITED	 VOLTAS LIMITED

**MATERIAL SUBMITTAL - (MAT)**

Planned Submission Date :	Actual Submission Date:	
Submittal No. AFC-VOL-AC606-MDR-MAT-00054	Rev. 02	Date: 25 <sup>th</sup> June 2016
Previous Submittal Ref No. AFC-VOL-AC606-MDR-MAT-00054	Rev. 01	Date: 06 <sup>th</sup> June 2016
Previous Submittal Ref No. AFC-VOL-AC606-MDR-MAT-00054	Rev. 00	Date: 10 <sup>th</sup> May 2016
Discipline: PLUMBING	Area: Basements, C2 & C4	
Originator : Syed Ilyas Ahmed	Sign of Originator :	

**Material Detail**

**List of Enclosure**

Item Description	Material Submittal for "PVC Solvent Cement"	(Tick the Related Box)
Specs. Reference	Part:3; Particular Specification LEED Requirements Credit IEQ 4.1	<input checked="" type="checkbox"/> Copy of Consultant Comment
BOQ Reference	N/A	<input checked="" type="checkbox"/> Response to Consultant Comments
Drg. Reference	N/A	<input checked="" type="checkbox"/> Annexure
Material Specified	Solvent with Low-VOC	<input type="checkbox"/> Compliance Statement
Material Proposed	Arrow - Low-VOC	<input type="checkbox"/> Test Certificates
Local Supplier	Aquateknik Building Solutions; U.A.E.	<input type="checkbox"/> Project Details
Reason for Alternative	-	<input type="checkbox"/> Company Profile
Remarks	-	<input type="checkbox"/> Product Catalogue

**Main Contractor's Statement**

We certify that the material submitted herewith has been reviewed in detail and is in full compliance with the contract drawings, design requirement and specifications except as otherwise stated here above.

Main Contractor Signature : Date : 25-06-2016

Hopkins / WSP Comments :

APPROVAL SUBJECT TO TEST SAMPLE			
Status A	Status B	Status C	Status D
No Objection	No Objection with Comments	Rejected and Resubmit	Received for Information

Engineer's Representatives Signature Date : 28.06.16

Main Contractor Received :  
Date & Sign