

Shamiya Extension Project MAKKAH	مجموعة بن لادن السعودية SAUDI BINLADIN GROUP Architecture & Building Construction Division
CONTRACTOR : SAUDI BINLADIN GROUP	Date : 25.07.2013

New Submittal <input checked="" type="radio"/> Resubmittal	SUBMITTAL FOR MATERIALS APPROVAL	REFERENCE NO. CUC-MAT-CV-Wall Partition-002-R04	DEPARTMENT <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">AR</td> <td style="width:10%;">CV</td> <td style="width:10%;">EL</td> <td style="width:10%;">ME</td> </tr> <tr> <td></td> <td style="text-align: center;">√</td> <td></td> <td></td> </tr> </table>	AR	CV	EL	ME		√		
AR	CV	EL	ME								
	√										

To : العالمية للدراسات الهندسية ش.م.ل.

1. SUBJECT : - Gypsum Board Wall Partition. 2. Submittal Description:- Fire-Rated Gypsum Board Partitions. Attachments :- <div style="margin-left: 40px;"> Reply Of Comments. Acoustical Test Reports. RFI For SBG Partition Proposal. Compliance Sheet. Test Report. Warranty. </div> <div style="display: flex; justify-content: space-between;"> <div> Area of Application : Training Center Building & Service Building - CUC (as per attached Drawings). Specification Ref : Section # 09251 & 09260 Rev.01 </div> </div>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Attachments</th> <th style="text-align: center;">No</th> </tr> <tr><td>Samples</td><td></td></tr> <tr><td>Catalogue</td><td></td></tr> <tr><td>Product Warranty</td><td style="text-align: center;">√</td></tr> <tr><td>Test Report</td><td style="text-align: center;">√</td></tr> <tr><td>Tech. Data</td><td style="text-align: center;">√</td></tr> <tr><td>British Standard Details</td><td></td></tr> <tr><td>Pre-Qualification</td><td></td></tr> <tr><td>Compliance Sheet.</td><td style="text-align: center;">√</td></tr> <tr><td>Job Reference</td><td></td></tr> <tr><td>Method Of Statement</td><td></td></tr> <tr><td>Design Calculation</td><td style="text-align: center;">√</td></tr> <tr><td>Reply of comments</td><td style="text-align: center;">√</td></tr> <tr><td>Others</td><td style="text-align: center;">√</td></tr> </table>	Attachments	No	Samples		Catalogue		Product Warranty	√	Test Report	√	Tech. Data	√	British Standard Details		Pre-Qualification		Compliance Sheet.	√	Job Reference		Method Of Statement		Design Calculation	√	Reply of comments	√	Others	√
Attachments	No																												
Samples																													
Catalogue																													
Product Warranty	√																												
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Compliance Sheet.	√																												
Job Reference																													
Method Of Statement																													
Design Calculation	√																												
Reply of comments	√																												
Others	√																												

3. Manufacturer & Supplier: GYPROC Saint Gobain.	Supplier Address : Issam K. Kabbani- Group of Companies. / Unitech P.O.Box 50533 Jeddah 21533.
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SUBMITTED BY : ABCD Eng. Baghat Kharbouch	FOCUS
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This section will be used by Approving Authority only.

4. ENGINEER'S REPRESENTATIVE'S COMMENTS: <div style="border: 1px solid red; padding: 5px; color: red; text-align: center;"> APPROVED AS NOTED, REFER TO COMMENTS ON ATTACHED SHEET (1/1) </div>	<table style="width:100%;"> <tr> <td>A) Approved</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>B) Approved as Noted</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>C) Revise & Resubmit</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>D) Rejected</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>	A) Approved	<input type="checkbox"/>	B) Approved as Noted	<input checked="" type="checkbox"/>	C) Revise & Resubmit	<input type="checkbox"/>	D) Rejected	<input type="checkbox"/>
A) Approved	<input type="checkbox"/>								
B) Approved as Noted	<input checked="" type="checkbox"/>								
C) Revise & Resubmit	<input type="checkbox"/>								
D) Rejected	<input type="checkbox"/>								

<input type="radio"/> Sample Required <input type="radio"/> Tests Required	<input type="radio"/> Additional information Required <input type="radio"/> Manufacturer's Guarantee Required
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Eng.. Name..... A.W. Title..... Signature..... Date.....	27-8-2013
Approval shall not relieve Contractor of his liabilities under the contract or constitute authorization of any change to contract documents.	

Below is the response to transmittal ref # UT-General - for Approval UT/TR/MAT/SBG-DCC/CV-GE/10316 – inclosing Material Submittal reference # CUC-MAT-CV-Wall Partition-002- 04.

CODE B (APPROVED AS NOTED)

1. Submittal is for wall partitions assemblies with 2Hrs Fire Rated Gypsum Boards and 60 db STC, to be installed in Training Centre and Service Building – CUC.
2. According to submitted RFI # (UT-RFI-DDR-SBG-DCC-AR-AR-10245) proposed assembly type is approved by DAH to be associated to wall types W10a, W10b, W11a, W16 and W17. Please note that no moisture resistance, mold resistance and abuse resistance systems are included within submitted composition and are excluded from this revision, to be separately submitted (if any).
3. Proposed assembly consists of 2 plies x 15mm of fire rated gypsum boards (Gyproc Fireline) from “British Gypsum” at each side in addition to a 50mm glass wool with density equal to 12.37kg/m3 from “ISOVER”.
4. Acoustic test report # 15279A carried out by “BTC lab” is accepted.
5. Fire resistance test report # DFL0399-00 carried out by “EXOVA lab” is accepted.
6. No moisture resistance, mold resistance or abuse resistance systems are included within submitted composition and are excluded from this revision, to be separately submitted (if any).
7. Final manufacturer and installer warranties to be submitted (submitted warranty sample is from the manufacturer only).

End of Comments

SAUDI ARAMCO
KING ABDULAZIZ CENTER FOR WORLD CULTURE PROJECT DEPARTMENT
KAC Building Facade & External Projects Division
Saudi Aramco PMT Site Office, Dhahran
Tel: 862-3601; Fax No. 862-3644

March 24, 2014

KACBF&EPD/L-356/14

CONTRACT # 6600024666 (IK)
KING ABDULAZIZ CENTER FOR WORLD
CULTURE PROJECT

No Objection to Placement
Gypsum Board False Ceiling
TRV-A-033 Part-1 Option 2
CLG 01.07 and CLG 01.08
ADCI-H75-09-A041-DA

Saudi Oger Co Ltd
PO Box 1449
Riyadh 11431, Saudi Arabia

Attn: **Bilal Ansari**, Deputy COO

Reference: KACWC-8483/SO-HA/3125 dated March 18, 2014

Reply Required: **NO**

Notwithstanding Company's comments on the Technical Evaluation for the above referenced requisition, COMPANY has no objection to Contractor's recommendation to place the subject material purchase order with **Roots Group Arabia Co Ltd.** located at Royal Plaza, Prince Sultan Bin Abdulaziz Street, Al Nahda Area, 52269 Jeddah, Kingdom of Saudi Arabia for the supply of Gypsum Board False Ceiling manufactured by Saint **Gobain Gyproc Middle East FZE** located at ICAD 1, Mussafah Plot number 39/R6, Abu Dubai, U.A.E.

Company's no-objection is conditionally approved based on:

1. Approval is exclusively granted for ceiling type CLG-07 and CLG 01.08 only.
2. Submit samples as a single unified submittal with all other preliminary drawings.
3. Installation of ceiling type CLG-01.7 and CLG-01 08 shall not commence until SOL submits information confirming the proposed installation vendor's qualifications to SAPMT for review and approval. Provide all required supporting documents, experience and qualification information under separate submittal. Reorganize and tidy-up TRV package to avoid Company's confusion regarding review of intended submittals, supporting certificates etc.
4. Provide written compliance statements in response to each point of concern raised above and in the attached document titled: TRV Submittal Comments dated January 29, 2014 (2 pages).



The inclusion of the above comments and requirements shall be submitted and readily apparent during submittal of preliminary drawing (NMR-601) documents.

This non-objection does not relieve you of any schedule obligations or other contractual obligations to provide a technically acceptable design and/or material product and schedule which meet all Saudi Aramco specifications, project requirements and construction schedule requirements.

Should you have any questions, please contact Ted Valentiner or John Leighty.

NAH ~~ACT~~ SMJ
FS

 24 March 2014
JAMAL G. AL-BENALI, Company Rep.
KAC Building Façade & External Project Div


JJL

cc: NRW/FXZ/NAH/TDV
File Index G.3.4
Letterbook
Attachment: (2 pages)

TRV Submittal Comments

Information Submittal(s):

TRV-A-033 Part 1 Option 2 Gypsum Board False Ceilings SUBSTITUTION PACKAGE.

Vendor: Roots Group Arabia Co. Ltd. – (Note: supply only vendor.)

Manufacturer: Saint Gobain Gyproc Middle East FZE

General comments:

1. Noted that this submittal is a proposed substitute package for limited sections of work. The complete submittal appears to be limited to the following gypsum board ceilings only:
 - CLG-01.01 – Two layers 12.5mm board.
 - CLG-01.07 – Four layers 15mm Firestop boards.
 - CLG-01.08 – Two layers 15mm Firestop boards.
2. SOL is to submit a formal substitution request.
3. Noted that this complete submittal is for the supply of material/components only.

Reference meeting between SAPMT/SOL, January 29 2014:

4. SAPMT have no objection to the supply of material/components associated with ceiling type CLG-01.01 only.
5. SOL stated that there appears to be no requirement for ceiling type CLG-01.01B in the IFC drawings. Should the requirement for this ceiling type, a variant to CLG-01.01 to include mineral wool layer, SOL agreed to provide this with no impact.
6. Comments are reserved for ceiling types CLG-01.07 and CLG-01.08 until such time as SOL submit further supporting information to validate the technical information submitted for both of these ceiling types.
7. SOL to submit supporting information to confirm the installation vendor(s). SOL is to confirm the installation vendor(s) is/are approved installer(s) of Gyproc products and components. Submit company profile and previous projects statement/schedule specific to Gyproc products/components for each proposed vendor(s).
8. Installation of the ceiling type cannot commence until such time as the above information is submitted for SAPMT review.

TRV Submittal Comments

9. No part of these review comments shall be construed as a change to the IFC unless expressly noted by PMT.
10. Submit samples of all proposed products/components associated with each of the above ceiling types. Submit as one mounted unified submittal.

20 APR 2014

مؤسسة خادم الحرمين الشريفين
الملك عبدالله بن عبد العزيز آل سعود للأعمال الإنسانية

KING ABDULLAH INTERNATIONAL FOUNDATION FOR HUMANITARIAN ACTIVITIES

KING ABDULLAH FOUNDATION PROJECT



SUBMITTAL FOR APPROVAL OF MATERIALS

Project Name : King Abdullah Foundation Project (KAFFP)

Contract No. : P-1350

Region :

Employer's Name KAPH

Engineer / Consultant's Name: Saudi Diyar

Contractor : Saudi Binladin Group

Submittal No. : MAT-GEN-A0142

Title : Dry wall - Gyproc

Rev. No. : No of Copies: 2

Date : April 17, 2014

TO: THE CONSULTANT AND ENGINEER (IF REQUIRED):

We request the Consultant's approval and Engineer's approval (if required) on the following Materials:

1- MATERIAL DESCRIPTION (One item on this form)

Type of Material : Architecture

Dry wall -Gyproc

Area of Application : B01 & B02

Drawings Ref : ID DWG

Specification : 092900

Enclosures : 2 Data Sheet w/ Cd & 2 Sample Board

BOQ Ref No. :

Standards :

Document No :

Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate

2- MANUFACTURER / SUPPLIER

Company Name : Saint-Gobain Gyproc

Address : PO Box 261107, Office 3302, Saba 1

Local Agent : Jumeirah Lakes Towers, Dubai, UAE

Vendor No. :

☐ Listed in Approved Project Vendor's List

3- DELIVERY STATUS

Country of Origin : UAE

Availability : Overseas

Delivery Program :

Delivery Duration :

Estimated Date of Arrival on Site :

Latest Date for order :

Date of Material Required on Site:

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as they will supply the submitted items in full conformity with timely delivery otherwise stated and also that the material sources indicated above have been reviewed in detail and that

FOR: THE CONTRACTOR

Dept. Head:

QA/QC Dept. :

Doc. Control Manager:

Project Manager:

ENGINEER / CONSULTANT'S COMMENTS :

- Refer to the attached site stage comments.

ACTION CODE

☐ A: Approved As Submitted☒ B: Approved as Noted☐ C: Revise and Resubmit☐ D: Disapproved - Resubmitted☐ E: Receipt Acknowledged

TO: THE CONTRACTOR

Approval shall not relieve the Contractor of its obligations and liabilities under the contract or constitute authorization of any change to Contract Documents, and therefore, shall not imply any recognition whatsoever of additional time or cost to the contract.

FOR : THE ENGINEER / CONSULTANT

Name: Mosleh Moh'd Jamal

Signature:

Date: 10-May-14

For

FOR: THE EMPLOYER

Name:

Signature:

Date:

KAPH Acknowledgment Reference No. :



Site Staff Comments

Subject : Comments on Submittal for Approval of Materials
Dry Wall - Gyroc (for B01 Hotel and B02 Convention Center)

Page : 1 of 1

Received Date : **6-May-14** Issued Date: **10-May-14**
Contractor : **SBG - ABCD**
Project Title : **King Abdullah Foundation Project (KAFF)**
Project No. : **RY-1045**
Attachments : **Material submittal with sample boards**
Trans. Number : **MAT-GEN-A0142** Trans. Date : **17-Apr-14**

Design drawings, specification, and site requirements have been used in the review with the following conducted remarks:

Item No.	Comments	Recommended Code
	Material submittal for dry wall (Gyroc) has been reviewed and found acceptable.	B
1	Dimensions and thickness to be followed as per project specification (092900 Part 2-2.1A) * Minimum thickness of metal support materials shall be 0.60mm	
2	Install full size mock-up of all different elements for the gypsum drywall partitions and ceiling. (Floor to floor mock-up sample on the site for approval)	
3	Provide drawing showing the locations of dry wall to be submitted for approval.	
4	Submit detailed shop drawings showing all ID finishes, fixation details, and sections of dry wall partition, together with the Fire and STC ratings for approval.	
5	Provide clear dimensions for wall thickness for all fire rated walls.	
6	Provide latest laboratory test reports from an Independent Testing Laboratory.	
7	Materials Inspection Request (MIR) to be submitted upon delivery of materials on site, to verify dimensions and thickness as required.	
8	The Contractor is responsible to achieve Fire and STC rating requirements based on the wall type and acoustic report.	
9	Coordinate with the Consultant prior to any activity related to dry wall partition installation.	
	LEED Comments:	
10	SBG to track regional and recycled materials by weight and cost.	

Name: **Mosleh Moh'd. Jamal**
Senior SiteArchitect

Signature : 

Date : **10-May-14**

Name: **Alvin L. Ceballos**
Materials Engineer

Signature : 

Date : **10-May-14**



SDC Staff Comments

Page 1 of 1

Subject: Dry Wall -Gyproc

Received Date :

Issued Date:

Contractor: Saudi binladin Group.

Project Title: King Adullah Foundation Project

Project No.: RY-1045

Attachments:

Trans. Number: MAT-GEN-A0142

Date : 4/5/2014

These review was for Arch. Only the site team should review the MEP & IEED requirements .

Design drawings, specification, and site requirements have been used in the review

with the following conducted remarks:-

[illegible]

Name: _____

Mosleh Mohid Javed

Signature :

may be

Date :

10-may-22

F-CS09/A

Sr. Site Archt. Eng.

Al Haramain High Speed Rail Phase 1 Package 2 Proj. No. : S08139	EMPLOYER:  المؤسسة العامة للخطوط الحديدية Saudi Railways Organization	Request No. P1P2-S2-SAM-A-0783-R00
ENGINEER:  dar al-handasah sharif and partners	CONTRACTOR:  شركة سعودي اوجيه المحدودة SAUDI OGER LTD.  شركة السيف EL SEIF  ASTALDI	Date 24-Jul-13

SUBMITTAL FOR APPROVAL OF MATERIALS





1. MATERIAL DESCRIPTION (one item only on this form) :
 (FIRE SOUND INSULATION & ACCOUSTIC RESISTANT PLASTER BOARD / IWS-224 SHAFF WALL 182MM THICKNESS)
 IWS-214-A GYP WALL CLASSIC 122MM THICKNESS, IWS-214-B GYP WALL CLASSIC 152MM THICKNESS,
 IWS-214-C GYP WALL CLASSIC 202MM THICKNESS, IWS-301 GYP LINER UNIVERSAL ADJUSTABLE
 (25-85/135MM) IWS-321 GYPLINER IWL, IWS-322 GYPLINER IWL. (WITH SAMPLE BOARD)
 Area of Application : AS SHOWN IN ATTACHMENT.
 Drawing Ref. : A-10-LI-103 / A-37-XX-101-S2 / B.O.Q. Ref. No. : SECTION K
 A-10- LI / L3-103
 Specification Ref. : K10 Standards : BSEN-S20 TYPE F

Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. MANUFACTURER/SUPPLIER :
 Company Name : GYPROC (SAINT GOBIN)
 Address : FZE, DUBAI.
 Local Agent : BUILDING PRODUCTS COMPANY

3. DELIVERY :
 Country of Origin : UNITED ARAB EMIRATES.
 Availability : ☒ Locally Manufactured ☐ Overseas
 Delivery : Ex-works/ Total Duration : TBC
 Estimated Time of Arrival on Site : TBC
 Program : Date Material Required on Site : TBC
 Latest Date for Order : TBC

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; the submitted items in conformity with the above and deliver same timely, also that the material sources indicated above have been reviewed in detail and that they will supply

Prepared by: MR. ABDULLAH QINNEH. Signature: 
 Submitted by: MR. GHASSAN MOURAD. Signature: 

4. ENGINEER'S REPRESENTATIVE'S COMMENTS :

Refer to the attached Comments for Consideration.

Signature: Abdelhadi Mohamed DATE: 4/8/13 M. MOURAD

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.

<input type="checkbox"/>	Approved
<input checked="" type="checkbox"/>	Approved As Noted
<input type="checkbox"/>	Revise and Resubmit
<input type="checkbox"/>	Rejected
<input type="checkbox"/>	Sample Required
<input type="checkbox"/>	Tests Required
<input type="checkbox"/>	Additional Information
<input checked="" type="checkbox"/>	Required
<input type="checkbox"/>	Manufacturer's Guarantee
<input type="checkbox"/>	Required

Date: **04/08/2013**

Reference No: P1P2-S2-SAM-A-0783-R00

Subject: **Fire and acoustic resistant plasterboard IWS 214,224,301,321,321**

- Status:
- ☐ Approved
 - ☒ **Approved as Noted**
 - ☐ Revise and Resubmit
 - ☐ Rejected
 - ☐ Sample required
 - ☐ Tests required
 - ☐ Additional information required
 - ☒ **Manufacturer's Gruanatee required**

Comments are as following

"GYPROC" Plasterboard and "GYPFRAME" metal frames are approved material and subjected to the following requirements:

- Type IWS-311 Internal Wall System was missed from product dated sheets.
- Moisture Resistant Plasterboard shall be Gypsum plasterboard with silicone additive water protection and water repellent paper liners to BS EN 520, Types A and H1.
- Fire Resistant Plasterboard shall be Gypsum plasterboard with glass fiber and additives in core to improve fire resistance to the requirements of the NPFA codes and the Fire Strategy Report.
- Fire and Moisture Resistant Plasterboard shall be
 - a) Gypsum plasterboard with glass fiber and additives in core to improve fire resistance to the Requirements of the NPFA codes and the Fire Strategy Report
 - b) Gypsum plasterboard for use within shaft wall to BS EN 520, Types D, F and H1.
- Acoustic Plasterboard shall be Gypsum plasterboard with higher density core to improve sound insulation to BS EN 520, Type D.
- Impact Resistant Plasterboard shall be Gypsum plasterboard with higher density core with glass fiber and other additives in the core to BS EN 520, Types D, F, I and R.
- Joints shall be filled with necessary transition reinforcing mesh/ tape, and boards shall receive Type PLS-101 Plaster as contained in Section M20. Submit skim coat compatible with GYPROC systems.
- Foil backed Plasterboard and High Performance Building Board compliance products to be provided

DAR AL-HANDASAH (Shair and Partners)
Haramain High Speed Rail (HHR-S08139)



Date: **04/08/2013**

Reference No: P1P2-S2-SAM-A-0783-R00

Subject: **Fire and acoustic resistant plasterboard IWS 214,224,301,321,321**

- Metal studwork shall be fabricated from hot-dip zinc coated and iron zinc alloy coated sheet steel to BS EN 10143, being not less than **0.55mm thick** fixed by zinc or cadmium plated self-drilling and self-tapping countersunk headed screws.
- A joint warranty signed by both manufacturer, applicator and contractor must be submitted for each system and condition of the exposure, to be valid for 20 years from substantial completion of the works, as per the categories of design life for buildings, Reference BS.7543 as well as contract specification section K10.
- The work shall be applied by a recommended and experienced applicator (to be submitted for approval individually), having a min. 10 years exp. With Gypsum plasterboard works and must be attested by the manufacturer SAINT-GOBAIN and BRITISH GYPSUM.
- Resistance to wear, impact, ageing, surface deterioration and discoloration shall be proven by giving a reference of similar projects which have been in use for at least 5 years (This will be ensured through a visit to one of these project in KSA)
- The final finished application and system must be in compliance with section K10.2100 specification.
- No other systems should be integrated with GYPROC systems for compatibility purpose.
- Method statement to be submitted separately for review and further approval.
- Final approval subjected to a satisfactory site mock-up.



DAR AL-HANDASAH (Shair and Partners)
Haramain High Speed Rail (HHR-S08139)



SAMPLE PHOTO



Gyproc
SAINT-GOBAIN



الهيئة العامة للغذاء والدواء
Ministry of Health
Building Products Company
A member of Saint-Gobain Group

www.gyproc.ae

TOLL Free - 800 GYPROC (497762)

gyproc-me@saint-gobain.com

Gyproc Plasterboards

12.5mm Gyproc Regular Board

12.5mm Gyproc Fire Stop Board

12.5mm Gyproc Moisture Resistant Board

12.5mm Gyproc Regular Board

12.5mm Gyproc Regular Board

12.5mm Gyproc Fire Stop Board

Gypframe Metal

100mm Gypframe

50mm Gypframe

Gypframe

Gypframe

Gypframe

Gypframe 150 F90

Gyproc Paper Tape

Gypframe 70 S 50

Gypframe 72 C 50

Gypframe GA1

Gypframe GL1

GypLyner GLB85

Gypframe 152 C 50

Accessories

25mm Gyproc Drywall Screws

35mm Gyproc Drywall Screws

35mm Gyproc Jack Point Screws



CONSTRUCTION REVIEW FORM

Review Reference: CRS-MAT-00043
Trade: A
Date: Mar 29, 2016
Comments:

Submitted Reference: CDS-MAT-00022
Transmittal Number:

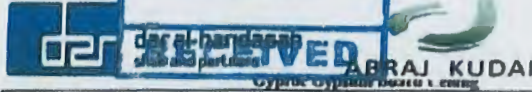
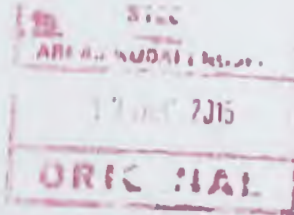
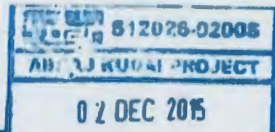
Item No.	Filename	Rev	Title	Code	Reviewed Link
1	MAT-GEN-A-0092	00	Gyproc Gypsum Board Ceiling	Approved as noted	Reviewed

EditedBy: Tahani Katerji

Signature:

MOHAMED FAYEZ
ATT. 02A4





مجموعة بن لادن السعودية
SAUDI BINLADIN GROUP
ARCHITECTURE AND BUILDING CONSTRUCTION DIVISION

SUBMITTAL FOR APPROVAL OF MATERIALS

نموذج اعتماد مواد

Project Name : Abraj Kudai Project Contractor : Saudi Binladin Group
Contract No. : P1360 Submittal No. : MAT-GEN-A0092
Region : Title : Gyproc Gypsom Board Ceiling
Employer's Name : Ministry of Finance Rev. No. : 00 No. of Copies : 1
Engineer's Name : Dar Al-Handassah Date : 28/11/2015

TO THE ENGINEER:

We request the Engineer's approval on the following Materials:

1- MATERIAL DESCRIPTION (One item on this form) (وصف المواد)
Gyproc Gypsum Board Ceiling الكواح الجبسية للتسقف Type of Material : ARCHITECTURE / مصرق
Area of Application : GENERAL
Drawings Ref : BOQ Ref No. :
Specification : 82900 Standards :
Enclosures : documental Document No. :
Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate

2- MANUFACTURER / SUPPLIER

Company Name : Gyproc Saint Gobain (اسم المصنع / المورد)
Vendor No. :
Address : Dubai , Jumeirah lake towers دبي ، جميرة
Local Agent : Building Products company Listed in Approved Project Vendor's List
شركة مواد البناء المحدودة

3- DELIVERY STATUS

Country of Origin : United Arab Emirates (بلد المنشأ)
Availability : overseas / خارجي
Delivery Program :
Delivery Duration :
Estimated Date of Arrival on Site :
Latest Date for order :
Date of Material Required on Site :

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as they will supply the submitted items in full conformity with timely delivery otherwise stated and also that the material sources indicated above have been reviewed in detail and that

FOR: THE CONTRACTOR

Sr. Architecture: Ayman Hamdy

Doc. Control: Mohammed Aho Elkheir

Project Manager: Mohammed Samanoudy

ENGINEER'S COMMENTS :

As per attached Comments.

(ملاحظات المهندس)

Carlos Zeid

ACTION CODE

☐ A: Approved As Submitted ☒ B: Approved Except as Noted ☐ C: Revise - Resubmit ☐ D: Rejected
مصدق مع ملاحظات المهندس في الاختيار مع تقديم رد التعديل مرفوض

FOR THE ENGINEER:

Name: Ibrahim C. Labban

Signature:

Date: 11/12/2015

FOR THE CLIENT:

مع عدم الموافقة ☐

مع الموافقة ☒

(ممثل العميل)

الملاحظات:

الاسم:

التوقيع:

التاريخ:





CONSTRUCTION REVIEW FORM

Review Reference: CRS-MAT-00044
Trade: A
Date: Mar 29, 2016
Comments:

Submitted Reference: CDS-MAT-00025
Transmittal Number:

Item No.	Filename	Rev	Title	Code	Reviewed Link
1	MAT-GEN-A-0095	00	Gyproc Gypsum Dry Wall Partition	Approved as noted	Reviewed

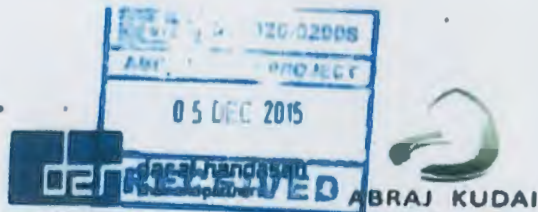
EditedBy: Tahani Katerji



Signature:

MOHAMED FAYEZ
ATT. 01A4





SAUDI BINLADIN GROUP
MICRO-TEXTURE AND BUILDING CONSTRUCTION DIVISION

SUBMITTAL FOR APPROVAL OF MATERIALS

نموذج اعتماد مواد

Project Name Abraj Kudai Project	Contractor Saudi Binladin Group
Contract No P1360	Submittal No MAT-GEN-A0886
Region Ministry of Finance	Title Gyproc Gypsum Dry Wall Partition
Employer's Name Dar Al-Handasah	Rev No 00
Engineer's Name Dar Al-Handasah	No of Copies 1
Date 30/11/2015	

TO THE ENGINEER:
We request the Engineer's approval on the following Materials

1- MATERIAL DESCRIPTION (One item on this form) (وصف المواد)
 Gyproc Gypsum Dry Wall Partition (الطرح الجصية للجدران) Type of Material Architecture (معماري)
 Area of Application GENERAL
 Drawings Ref BOQ Ref No
 Specification 82980 Standards
 Enclosures DOCUMENTED Document No

Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate

2- MANUFACTURER / SUPPLIER (اسم المصنع / المورد)
 Company Name Gyproc Saint Gobain (جوبان) Vendor No
 Address Dubai, Jumeirah Lake Towers (دبي، الجزيرة) Listed in Approved Project Vendor's List
 Local Agent Building Products company (شركة مواد البناء المحدودة)

3- DELIVERY STATUS (بند التسليم)
 Country of Origin United Arab Emirates (الإمارات العربية المتحدة)
 Availability overseas / خارجي (خارجي)
 Delivery Program Delivery Duration
 Estimated Date of Arrival on Site
 Latest Date for order
 Date of Material Required on Site

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as they will supply the submitted items in full conformity with timely delivery otherwise stated and also that the material sources indicated above have been reviewed in detail and that

FOR THE CONTRACTOR
 Sr. Architect: Ayman Hamdy
 Dec. Control: Mohammed Abo Elkhair
 Project Manager: Mohammed Samanoudy

ENGINEER'S COMMENTS : (ملاحظات المهندس)
 As per attached Comments.
 Carlos Zaid

ACTION CODE
☐ A: Approved As Submitted
☒ B: Approved Except as Noted
☐ C: Revise - Resubmit
☐ D: Rejected
 معتمد مع لفت ملاحظات المهندس في الاعتبار معتمد مع اللزوم بعد التعديل معروض مرفوض

FOR THE ENGINEER:
 Name: Ibrahim C. Labban
 Signature: [Signature]
 Date: 11/12/2015

FOR THE CLIENT:
 مع عدم الموافقة ☐ مع الموافقة ☒
 (ممثل العميل)
 الملاحظات:
 الاسم: [Signature]
 التاريخ: 11/12/2015

Approval shall not relieve the Contractor of its obligations and liabilities under the contract or constitute authorization of any change to Contract Documents, and therefore, shall not imply any recognition whatsoever of additional time or cost to the contract



Proj. No. :
S12085 -0100D-
International Convention Centre-
Madina

Owner :
المملكة العربية السعودية
وزارة المالية



Request No.

ICC-MTS-718

Owner's Representative:



dar al-handasah
shair and partners

Contractor:



المهيدب
Contracting للمقاولات

Date

20-08-2015

Submittal for Approval of Materials (Including Samples)

1. Material description (one item only on this form) :

Gypsum Board (Ceiling & Partition) & Accessories - Gyproc (2 Sample Boards)

Area of application : Reflected Ceiling - ICC & Wall Partitions in MCB Basement

Drawing ref. All Reflected Ceiling Drawings

B.O.Q. Ref. No. : 092900 - Div-09

Specification Ref. : 092900

Standards : -----

Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. Manufacturer / supplier

Company Name : Gyproc - Saint Gobain (British Gypsum) Co. / Fifth Star Co.

Address : 501, 5th Flr, Al-Khuraif Center, Madinah Rd, P.O.Box 12484, Jeddah 21473, KSA

Local Agent : KSA

3. Delivery :

Country of origin : Abu Dhabi, U.A.E

Availability

☐ Locally Manufactured

☒ Overseas

Delivery

Ex-works/ total duration

Ex.Store

Estimated time of arrival on site

Program

Date material required on site

Latest date for order

4. Material required for LEED buildings "To Achieve Points"

- 1- Evaluated for IEQ4.2.6 found compliant as per ☒ YES MTF (material transmitted form).
- 2- a) Gyproc Jointing Compound = Actual VOC = 29g/L < allowed = 200g/L (Sealers)
- 3- b) Gyproc Skin Coat - Actual VOC = 50g/L < allowed = 200g/L (Undercoat).
- 4-
- 5- Not Evaluated for HRC.5. Since targetted Regional Content already achieved (Refer to LEED Status report HRC calculation).

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely.

Submitted by : Haitham Mohamed AbdelAziz Ali

Signature

Verified by : Tarek C. Bendriss

Signature

4. Owner's Representative comments:

Refer to attached comments.

أشرف البشير
R.E/Arch. Hasan Aburajab

26/9/2015

Signature R.E/Arch. Hasan Aburajab

Date : 21/9/15

- ☒ Approved
- ☒ Approved as noted
- ☐ Revise and resubmit
- ☐ Rejected
- ☐ Sample required
- ☐ Tests required
- ☒ Additional information required
- ☒ Manufacturer's guarantee required

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.


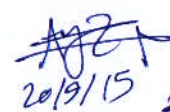

Comments on Request No. ICC-MTS-718 Received on 25-08-2015

Gypsum boards & accessories - GYPROC

With 2 Sample Boards

Code (B)

- 1- Submit detailed method of suspension system on concrete/steel structure with calculation for approval.
- 2- This material product is principally approved considering the following comments that should be fulfilled prior to commencing work.
- 3- Submit detailed shop drawings showing all ceiling elements, fixation details, and sections of drywall partition, together with the fire and STC ratings for approval.
- 4- Install full size mockup of all different elements for the gypsum drywall partitions and ceiling (floor to floor mockup sample on site) for approval.
- 5- Materials inspection request (MIR) to be submitted upon delivery of materials on site, to verify dimensions and thickness as required.
- 6- The contractor is responsible to achieve Fire and STC rating requirements based on the wall type and acoustic report.
- 7- Groove sample is missing (between ceiling and wall) refer to dwg TD-MCB-AI-302-1 OF 1 detail No. 1.
- 8- 5 elements on the sample board have no ID/label or model number.
- 9- Additional blocking elements to be provided as per dwg No. MCB-AI-302-1 OF 1 detail No. 9,11.
- 10- Warranty certificate should be submitted by main contractor starting from substantial completion.
- 11- Submit installer prequalification separately for approval.


C.I.A./9/C.O.

20/9/15

20/9/2015

PROJECT: THE PROJECT OF THE CUSTODIAN OF TWO HOLY MOSQUES KING ABDULLAH BIN ABD AL-AZIZ FOR MATAF EXTENSION

مجموعة بن لادن السعودية
SAUDI BINLADIN GROUP

PUBLIC BUILDINGS & AIRPORTS

المباني العامة والمطارات

CONTRACTOR: SAUDI BINLADIN GROUP

M/S SBG-PBAD

Date: 05-04-16

☐ NEW SUBMITTAL

SUBMITTAL FOR MATERIALS
APPROVAL

Submittal Ref. No.

DEPARTMENT

☒ RESUBMITTAL

1109-00-AR-MT-095113-Q-02-00

AR	SC	SS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MH	EL	LC
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TO:



dar al-handasah
shair and partners

ATTN: ENGR. ALI HUZAYYEN

SUBJECT : SMC Interiors
Ecophon Focus E-Tile.

MATERIAL DESCRIPTION : Ecophon Focus E-Tile.
600x600mmx200mm Acoustical Ceiling Tiles.

Attachments: * DAR Response on Submittal No. 1109-00-AR-MT-095113-Q-01-00 (AR-MDS-1240 / AR-MRS-1273)
* Reply to Comments.
* For Comment No. 6: Cavity Barriers, Kindly refer to attached Dar Response to RFI No. ABCD-RFI-AR-1116.

Area of Application : Finishing No. F=12, F=15, F=36, F=45, F=46, F=47 and F=48.
All Floors @ Mataf Project

Drawing Ref. No. :
Specification Ref. : 095133
B.O.Q. Ref. :

ATTACHMENTS

No.

Samples	<input type="checkbox"/>
Catalogue	<input checked="" type="checkbox"/>
Data Sheets	<input checked="" type="checkbox"/>
Supplier Drawings	<input checked="" type="checkbox"/>
Supplier Calculations	<input checked="" type="checkbox"/>
Test Report	<input checked="" type="checkbox"/>
Technical Assessment	<input checked="" type="checkbox"/>
Analysis of Deformation	<input type="checkbox"/>
Analysis of Stability	<input type="checkbox"/>
Materials	<input checked="" type="checkbox"/>
Reply of Comments	<input checked="" type="checkbox"/>
Others	<input checked="" type="checkbox"/>

Note: : ORIGINAL ATTACHED ☒

SOFT COPY ATTACHED ☒

Manufacturer : Saint-Gobain - Ecophon

Supplier : SMC Interiors, KSA

Supplier Address : P.O. Box 13018, Jeddah 21493, KSA, Tel: +966126376082, Fax: +966126365433
Web: www.smcinteriors.com, Email: info@smcinteriors.com

We certify that the above submitted items have been reviewed in detail and are correct in conformity with the contract drawings and specifications except as otherwise stated; also the Material sources indicated above have been reviewed in detail and they will supply the submitted items to conformity with the above and deliver same timely.

SUBMITTED BY : ENGR. ATEF HOSNY ELSAYED
TECHNICAL MANAGER

Signature:

Handwritten signature

This section will be used by Approving Authority only:

ENGINEER'S REPRESENTATIVE'S COMMENTS:

APPROVED AS NOTED, REFER TO
COMMENTS ON ATTACHED SHEET (1/1)

A) Approved	<input type="checkbox"/>
B) Approved as Noted	<input checked="" type="checkbox"/>
C) Revise & Resubmit	<input type="checkbox"/>
D) Rejected	<input type="checkbox"/>

☐ Sample Required

☐ Tests Required

☐ Additional Information Required

☐ Manufacturer's Guarantee Required

Engr. Name: M.I.R.M.V.A.A. Title: Sr. Arch. Signature: *Handwritten signature* Date: 11-05-2016

Approval shall not relieve Contractor of his liabilities under the contract or constitute authorization of any change to contract documents.

Reply to Material Ref. # **AR-MDS-1349#**

Submittal Reference - **1109-00-AR-MT-095113-Q-02-00**

Ecophon Focus E - Tiles 600x600x20 mm – For Acoustic Ceiling **Only**.

Manufactured by Saint Gobain \ SMC

Proposed to be used as Acoustic Ceiling Panels F=12, 15, 36, 45, 47 & 48 - At Mataf Project.

Code (B) Approved as noted.

Submittal was reviewed according to Mataf project #s11082 specs #095113 & project finish schedule.

Please find the Arch. Material comments as shown below:

1. The submitted ceiling tiles **can be accepted** complying with specs requirements item# 2.3-g as a Base of Design.
2. for **CertainTeed Seismic suspension system** , Pls. note the followings:
 - a. As per specs item#2.7a-1, Item ACS12-12-20 is the heavy-duty main runner for the said system.
 - b. CertainTeed Seismic Perimeter Clip (CTSPC) and other Seismic accessories (CTSTJ) to be applied in order to satisfy submitted ICC ESR-3336 – section 4.2.1 for heavy duty runner.
3. Anchor data sheet to **be submitted separately** for “Stainless-steel components complying with ASTM F 593 and ASTM F 594, Group 1 Alloy 304 or 316 for bolts; Alloy 304 or 316 for anchor in wet area - complying with specs requirements 2.6-c.
4. Sound attenuation insulation and auxiliary materials to be submitted **separately**.
5. Manufacturer and applicator standard warranty to be submitted from substantial completion date.

Please find the Arch Design Dept. comments as shown below:

1. Suspensions system for acoustical ceiling tiles to consider fixation height at ground & first mezzanine floors up to 5000 mm.
2. For all acoustic ceiling tiles used at back of house corridors should have maximum 100mm height as considered in all previous coordination issues, submittal shows a variety of heights for tiles between 110 - 200 mm.

Please find the Façade Dept. comments as shown below:

1. Contractor reply to comment No.1 is noted.
2. Contractor reply to comment No.2 is not sufficient, Submit detailed shop drawings showing overall system, points of fixation, and connection details.
3. Contractor clarification about comment No.3 is noted, however, contractor is to verify the connection between the wall angle and the concrete structure.

END OF COMMENTS

Proj. no. S14061 NGHA Specialized Hospitals	Employer: National Guard Health Affairs 	Request No. SHR1-MAT-NAP-ARC-AR-00054
Site Office: PMO Riyadh		Rev. 02
Engineer: Dar al-Handasah 	Contractor: Nesma & Partners 	Date 6-Oct-15

Submittal for Approval of Materials

Location:	<input checked="" type="checkbox"/> Riyadh Maternity Hospital <input checked="" type="checkbox"/> Jeddah (Neuroscience Hospital) <input checked="" type="checkbox"/> Jeddah (Children Hospital) <input checked="" type="checkbox"/> Taif Specialized Hospitals <input checked="" type="checkbox"/> Qassim Specialized Hospitals	<input checked="" type="checkbox"/> Medical Buildings <input type="checkbox"/> Non Medical Buildings	<input checked="" type="checkbox"/> ARCH <input type="checkbox"/> STR <input type="checkbox"/> ELE <input type="checkbox"/> MEC <input type="checkbox"/> OTHERS	LEED Compliance <input checked="" type="checkbox"/> Samples <input type="checkbox"/>
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1. Material description (one item only on this form) :

Rated, Non Rated Gypsum Board Assemblies

Area of application : As per Drawings

Drawing ref. : - B.O.Q. Ref. No. : -

Specification Ref. : 09260, 09259, 09251 Standards : -

Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. Manufacturer / supplier

Company Name : SAINT-GOBAIN GYPROC MIDDLE EAST FZE

Address : PO BOX 261107, DUBAI, UAE

Local Agent : ISAM KABBANI & PARTNERS DAMMAM KSA

3. Delivery :

Country of origin : UAE

Availability

☐ Locally Manufactured

☒ Overseas

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely.

QA/QC  7/10/15 DY.PROG MNGR PM  8/10 Date

4. Engineer's Representative comments:

As per attached remarks.

DAR QA QC Er Sign

Signature Carlos Zeid Date : 27 / 10 / 2015

<input type="checkbox"/>	Approved
<input checked="" type="checkbox"/>	Approved as noted
<input type="checkbox"/>	Revise and resubmit
<input type="checkbox"/>	Rejected
<input checked="" type="checkbox"/>	Sample required
<input checked="" type="checkbox"/>	Tests required
<input checked="" type="checkbox"/>	Additional information required
<input type="checkbox"/>	Manufacturer's guarantee required

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.



-S14061-
5 Hospitals NGHHA

ENGINEER'S COMMENTS
SUBMITTAL FOR APPROVAL OF MATERIAL

TRADE

AR

Transmittal Ref.	SHR1-MAT-NAP-ARC-AR-00054	REV	02	Date	27/10/2015	Title	Rated, Non Rated Gypsum Board Assemblies
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Reviewed by	Carlos Zeid	Date	10/10/2015	Code	B	Approved As Noted
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Below Comments and requirements are applicable to SHR1-MAT-NAP-ARC-AR-00054-R02 and 00061-R00, and Shop Drawings under (WF-003490)

- 1- Note # 12 (*Drywall interface with External Cladding or Precast Panels*): these interfaces are deemed coordinated with all Facades. In the absence of duly approved facades shop drawings details and materials (Aluminum Curtain Walls, Concrete Precast, Metal Cladding...), we consider drywalls detail at these location under Contractor full responsibility for possible adaptation and corrections. In all cases, necessary composite coordinated details to be submitted, timely, for approval.
- 2- Note # 14 (*Full Height Leave-Out Panel for Installation of FHC as per typical Detail in Misc. Details Shop Drawings Package*): this detail is not typical and not yet approved. We request a fully coordinated details, including the approved FHC types and all pipes, and demonstrated solidity of the whole assembly (static and dynamic).
- 3- Note # 15 (*Elevator's Doors Height & Width*): In the absence of duly approved coordinated Elevator Doors & Landings Facades details and materials (wall joints and anchoring, doors, lights, indicators, call buttons, signage...), we consider walls detail at these location under Contractor full responsibility for possible adaptation and corrections. Necessary composite coordinated details to be submitted, timely, for approval. NB: on these shop drawings, Contractor is indicating both CMU and Drywalls, depending of elevator place. We request justification and possible unified material/details. (Elevator walls to be 2 hours fire rated).
- 4- Note # 16 (*Control Joints on Drywalls*): refer to our comments on related drawings. Control Joints for Drywalls are subject to manufacturer recommendations (type and positions), and must be avoided at the following locations: Radiations Risk Rooms, Operation Rooms, Fire Zones, Sound Rated Partitions, Location with Aesthetic requirements. As marked on these shop drawings, we do not consider the marked drywall control joints as complying with requirements (several considered necessary joints are not marked), and request additional simplified shop drawing plan submittal for approval, indicating only the long strait alignment of drywalls with their control joints location. Absence of control joints at certain locations, and implying possible cracks or damage, shall remain under Contractor full responsibility.
- 5- Note # 17 (*Abuse Resistant Boards Locations*): Noted. Furring boards are subject to same logic/location.
- 6- Note # 18 (*For all doors in Drywalls, Contractor to conserve tolerance in addition to indicated structural opening by 15 mm in width and 8 mm in height*): in the absence of a comprehensive coordinated approved detail, included approved Steel Frames, these principle and dimensions are rejected. We urge Contractor to expedite his Doors all Frames approval in order to define necessary openings in drywalls.
 - This is also related to the sequence of Frames installation, ideally erected jointly with Drywalls. Any other sequence to ensure aesthetic, sound and fire performances for both Doors Frames and Drywalls (Sound & Fire under UL or other approved 3rd Party).
 - This is also related to internal Windows, Access Panels, etc. NB: Gyproc mentioned access panels are not considered pertinent and could be subject to dedicated submittal.
- 7- Note # 19 (*Blocking Locations Details*): External Elements Fixed on Drywalls and related necessary reinforcement embedded in Drywalls: these details, their **locations, types and solidity** are outstanding to date, and not indicated on current shop drawings. Contractor reference, under this Note, to RLOS and "Typical Blocking Details Shop Drawings", yet to be submitted, are not considered for execution. In all cases, all drywall 2nd Skin installation shall not be allowed without fully valid details. NB: elements inside drywalls, and also requiring additional reinforcement, must be detailed under full coordination with MEP and Medical Trades.
- 8- Note # 20 - Penetrations: we request application of related Method Statement for all cases (drywall erection

after or before pipes/ducts), fully coordinated with MEP and Fire Zones. Contractor to define and confirm as approved shop drawing (or FD) his mentioned Sheet # 5GN00015.

9- Note # 21 - Building Expansion Joint Details: We urge Contractor to submit his Buildings Expansion Joints Systems for approval. Drywalls to be coordinated accordingly. Meanwhile, all drywalls immediately adjacent to Building Expansion Joints are not considered.

10- All types Sealants included in this Submittal must be submitted under dedicated Submittal of Material, under Specification, Sections 07842 Fire-Resistive Joint Systems and 07920 Joint Sealants. Accordingly, any sealant material mentioned in this submittal is not considered and not approved, and the included graphic details of drywalls sections with un-applicable sealant (no room, no groove, look as added graphically only...), see detail & data for W1R and W3T Gyproc Drylining System Specification, for example.

11- Drywalls Fixation on Concrete Slab instead of Screed is under Contractor full responsibility. Contractor to submit his Method Statement for Screed Operations after Drywalls erection, including Plans, Logistic, Zoning, Control Joints, Accessories, Steel Reinforcement, Coordination with Electrical Pipes, Protection of Drywalls, Leveling Method and survey, curing, etc.

12- Mockup and Field Samples: to include Sharp Angles Partitions, Shaft Liner Boards (including sequence of erection), embedded reinforcement for external elements, Corners Beads, Insulations (all types) and its fixations inside drywalls, etc.

13- Control Joints in CMU Walls: we note that Contractor eliminated all these specified Control Joints... We have advised Contractor that many Control Joints in CMU Walls could be eliminated having additional reinforcements, BASED ON APPROVED EUROPEAN OR US STANDARD. In the absence of this Standard, yet to be submitted with his method statement, we request the establishment of all the CMU Walls Control Joints (see our marked comments on shop drawings REV00), at distance required by Specification (same for Stiffener Posts and Beams). A dedicated CMU Shop Drawing for this building to be submitted, timely, for approval.

14- Drywalls on Shafts: subject to defined sequence of works under MEP coordination. NB: Large Shafts are 2 Hours Fire Rated.

15- Insulation Fixations inside drywalls: necessary accessories to be submitted for approval, and must be part of Mockups.

16- Drywall Steel Framing: we refer to the following submitted documents:

- Technical Data Sheet for Gypframe "UltraSteel" Metal Profiles, confirming Coating Grade Z140 g/m², which is not in compliance with Specification.

- Compliance sheet for steel framing, confirming Z275 g/m².

Contractor to justify and to confirm his material in compliance with Contract, noting that Specification call for Z180 for Dry Areas, and Z275 for wet Areas.

17- All drywalls graphic details included in this submittal are superseded by the approved shop drawings details, in each relevant submittals.

18- Insulation: We note the Contractor intention to use Kimmco Fiber Glass Insulation, and the submitted comparative data in Compliance Sheet Page 5 of 9, and in particular the following:

18-1- Mineral-Wool Batt Insulation equivalent to Kimmco Fibergalss Blanket / Batt Insulation of 48 kg / m3 Density, 50 mm Thick , R-Value 1.612 K.M2/W.

18-2- Mineral-Wool Batt Insulation equivalent to Kimmco Fibergalss Blanket / Batt Insulation of 48 kg / m3 Density, 76 mm Thick , R-Value 2.451 K.M2/W.

18-3- Mineral-Wool Batt Insulation equivalent to Kimmco Fibergalss Blanket / Batt Insulation of 48 kg / m3 Density, 50 mm Thick , R-Value 2.870 K.M2/W.

Contractor to verify contradiction and confirm the above 3 Items values, JOINTLY with:

- **Mentioned Insulation in his shop drawings details.**

- **Mentioned Insulation in his submitted Tests.**

18-4- Vapor Retarders, Page 7 of 9: Contractor to verify his compliance terms and values and to confirm.

Contractor to submit EXCLUSIVELY required data for this Item 18 under specific new reference submittal of material (referring to this one to keep traceability), and having clear ordered compliance sheet, details, test reports and other written argumentation.

19- Calculation and structural performances: we refer submitted Letter from Gyproc to Nesma, dated 28/05/2015, and confirming Maximum Heights of 6100, 5800 and 4000 mm for determined wall thickness and composition. This remain under Contractor responsibility for due deflection criteria to comply with. We remind Contractor the additional load for external elements to be fixed on Drywalls, and the possible necessity for additional reinforcement and calculation, to be submitted, timely. NB: Heights above 6100 mm are yet to be submitted with necessary calculation, for approval. All cases remain under related Dar Letter SHR1-DAR-NAP-LTR-00186 dated 20/05/2015.

20- Drywalls for Operation Rooms, MRI and Scanner Rooms, and other Medical Spaces with Specific Drywalls Performances, are subject to very specific Shop Drawings Details and Materials. Accordingly all these

partitions (and their dimensions, doors, windows, arrangement) are not considered under this submittal, and must be timely submitted for approval.

21- Cement Boards:

- Contractor to refer to related Dar Letter SHR1-DAR-NAP-LTR-00186 dated 20/05/2015 (hybrid Plaster + Cement boards).
- Cement 6 mm Boards are accepted as submitted by Contractor, as Tile Back Boards, with no impact on each partition performances.
- Details and location of above to be confirmed.
- Detail for W4D (Shaft): Contractor to explain the 19 mm Coreboard and the usage of 6 mm Cement Board (Where are the Tiles ?).
- Usage of 12 mm Cement Boards to be confirmed, including tests reports.
- Wet areas mixing boards to be justified, with defined locations.

Contractor to submit EXCLUSIVELY required data for this Item 21 under specific new reference submittal of material (referring to this one to keep traceability), and having clear ordered compliance sheet, details, test reports and other written argumentation.

22- Submitted Warranty, dated 04/06/2015 for material is noted. Executed accepted and handed over Works to remain under Main Contractor Contract's Warranty.

In conclusion: Contractor to comply with above remarks, and complete his submittal under specific data for hot Items, in particular Items 4, 6, 7, 8, 9, 10, 11, 13, 16, 18, 19, 20, 21.

Proj. no. S14061 NGHA Specialized Hospitals Site Office: PMO Riyadh	Employer: National Guard Health Affairs 	Request No. SHR1-MAT-NAP-ARC-AR-00061 Rev. 00
Engineer: Dar al-Handasah 	Contractor: Nesma & Partners 	Date 6-Oct-15

Submittal for Approval of Materials

Location: <input checked="" type="checkbox"/> Riyadh Maternity Hospital <input checked="" type="checkbox"/> Jeddah (Neuroscience Hospital) <input checked="" type="checkbox"/> Jeddah (Children Hospital) <input checked="" type="checkbox"/> Taif Specialized Hospitals <input checked="" type="checkbox"/> Qassim Specialized Hospitals	<input checked="" type="checkbox"/> Medical Buildings <input checked="" type="checkbox"/> Non Medical Buildings	<input checked="" type="checkbox"/> ARCH <input type="checkbox"/> STR <input type="checkbox"/> ELE <input type="checkbox"/> MEC <input type="checkbox"/> OTHERS	LEED Compliance Samples
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1. Material description (one item only on this form) :
Rated Gypsum Board Assemblies, Cement Board Assemblies, Non Rated Gypsum Board Assemblies

Area of application : **As per Drawings**

Drawing ref. : **-** B.O.Q. Ref. No. : **-**

Specification Ref. : **09260, 09259, 09251** Standards : **-**

Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. Manufacturer / supplier

Company Name : **SAINT-GOBAIN GYPROC MIDDLE EAST FZE**

Address : **PO BOX 261107, DUBAI, UAE**

Local Agent : **ISAM KABBANI & PARTNERS DAMMAM KSA**

3. Delivery :


Country of origin : **UAE**

Availability

☐ Locally Manufactured
 ☒ Overseas




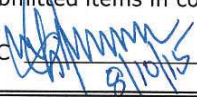
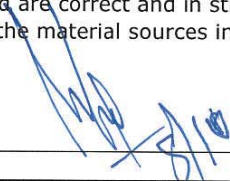
We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely.

QA/QC  8/10/15 DY.PROG MNGR  PM  Date 

4. Engineer's Representative comments: See Attached Comments DAR QA QC Er Sign Signature  Date 28 / 10 / 2015	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved as noted <input type="checkbox"/> Revise and resubmit <input type="checkbox"/> Rejected <input checked="" type="checkbox"/> Sample required <input checked="" type="checkbox"/> Tests required <input checked="" type="checkbox"/> Additional information required <input type="checkbox"/> Manufacturer's guarantee required
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Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.



Proj. no. S14061 NGHA Specialized Hospitals	Employer: National Guard Health Affairs 	Request No. SHR1-MAT-NAP-ARC-AR-00061
Site Office: PMO Riyadh		Rev. 00
Engineer: Dar al-Handasah 	Contractor: Nesma & Partners 	Date 6-Oct-15
Submittal for Approval of Materials		
Location:	<input checked="" type="checkbox"/> Riyadh Maternity Hospital <input checked="" type="checkbox"/> Jeddah (Neuroscience Hospital) <input checked="" type="checkbox"/> Jeddah (Children Hospital) <input checked="" type="checkbox"/> Taif Specialized Hospitals <input checked="" type="checkbox"/> Qassim Specialized Hospitals	<input checked="" type="checkbox"/> Medical Buildings <input checked="" type="checkbox"/> Non Medical Buildings
	<input checked="" type="checkbox"/> ARCH <input type="checkbox"/> STR <input type="checkbox"/> ELE <input type="checkbox"/> MEC <input type="checkbox"/> OTHERS	LEED Compliance <input checked="" type="checkbox"/> Samples <input type="checkbox"/>
1. Material description (one item only on this form) : Rated Gypsum Board Assemblies, Cement Board Assemblies, Non Rated Gypsum Board Assemblies		
Area of application : As per Drawings		
Drawing ref. : _____ B.O.Q. Ref. No.: _____		
Specification Ref. : 09260, 09259, 09251 Standards : _____		
Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.		
2. Manufacturer / supplier Company Name : SAINT-GOBAIN GYPROC MIDDLE EAST FZE Address : PO BOX 261107, DUBAI, UAE Local Agent : ISAM KABBANI & PARTNERS DAMMAM KSA		
3. Delivery : Country of origin : UAE Availability <input type="radio"/> Locally Manufactured <input checked="" type="radio"/> Overseas		
We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely.		
QA/QC  DY.PROG MNGR _____ PM  _____ Date _____		
4. Engineer's Representative comments: Refer to our comments on SHR1-MAT-NAP-ARC-AR-00054_02 DAR QA QC Er Sign	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved as noted <input type="checkbox"/> Revise and resubmit <input type="checkbox"/> Rejected <input checked="" type="checkbox"/> Sample required <input checked="" type="checkbox"/> Tests required <input checked="" type="checkbox"/> Additional information required <input type="checkbox"/> Manufacturer's guarantee required	
Signature Abed Al Rahman Hindawi Date 27/10/2015		
Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.		

Proj. no. S14061 NGHA Specialized Hospitals	Employer: National Guard Health Affairs 	Request No. SHR1-MAT-NAP-ARC-AR-00078
Site Office: PMO Riyadh		Rev. 00
Engineer: Dar al-Handasah 	Contractor: Nesma & Partners 	Date 22-Dec-15

Submittal for Approval of Materials

Location:	<input checked="" type="checkbox"/> Riyadh Maternity Hospital	<input checked="" type="checkbox"/> Medical Buildings <input checked="" type="checkbox"/> Non Medical Buildings	<input checked="" type="checkbox"/> ARCH	LEED Compliance 
	<input checked="" type="checkbox"/> Jeddah (Neuroscience Hospital)		<input type="checkbox"/> STR	
	<input checked="" type="checkbox"/> Jeddah (Children Hospital)		<input type="checkbox"/> ELE	
	<input checked="" type="checkbox"/> Taif Specialized Hospitals		<input type="checkbox"/> MEC	
	<input checked="" type="checkbox"/> Qassim Specialized Hospitals		<input type="checkbox"/> OTHERS	

1. Material description (one item only on this form) :

Acoustic Sealant for Gypsum board partitions (Gypsum Sealant)

Area of application : Gypsum board partitions

Drawing ref. : - B.O.Q. Ref. No.: -

Specification Ref. : 07920 Standards : -

Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. Manufacturer / supplier

Company Name : SAINT-GOBAIN GYPROC MIDDLE EAST FZE
Address : PO BOX 261107, DUBAI, UAE
Local Agent : ISAM KABBANI & PARTNERS DAMMAM KSA

3. Delivery :

Country of origin : UAE

Availability : ☐ Locally Manufactured ☒ Overseas

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely.

QA/QC  DY.PROG MNGR  PM  Date 

1- This Sealant is approved as noted, for general usage on Drywalls and Suspended Ceiling Locations, exclusively, with final aspect deemed painted jointly with sealant substrate.

2- Storage and Application (as per Manufacturer Recommendations) are under Contractor responsibility for High temperature Exposition and other risks. Site Tests to be performed as per Specification.

3- The following exposed locations are strictly excluded from this sealant: Fire Rated Limits (including at MEP Penetrations), Flooring, Food Storage & Preparation, Medical, External Weather Exposed, and as considered by Engineer.

Carlos Zeid 05/01/2016.

<input type="checkbox"/>	Approved
<input checked="" type="checkbox"/>	Approved as noted
<input type="checkbox"/>	Revise and resubmit
<input type="checkbox"/>	Rejected
<input type="checkbox"/>	Sample required
<input type="checkbox"/>	Tests required
<input type="checkbox"/>	Additional information required
<input type="checkbox"/>	Manufacturer's guarantee required

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.



Proj. no. S14061 NGHA Specialized Hospitals	Employer: National Guard Health Affairs 	Request No. SHR1-MAT-NAP-ARC-AR-00079
Site Office: PMO Riyadh		Rev. 00
Engineer: Dar al-Handasah 	Contractor: Nesma & Partners 	Date 2-Jan-16

Submittal for Approval of Materials

Location:	<input checked="" type="checkbox"/> Riyadh Maternity Hospital <input checked="" type="checkbox"/> Jeddah (Neuroscience Hospital) <input checked="" type="checkbox"/> Jeddah (Children Hospital) <input checked="" type="checkbox"/> Taif Specialized Hospitals <input checked="" type="checkbox"/> Qassim Specialized Hospitals	<input checked="" type="checkbox"/> Medical Buildings <input checked="" type="checkbox"/> Non Medical Buildings	<input checked="" type="checkbox"/> ARCH <input type="checkbox"/> STR <input type="checkbox"/> ELE <input type="checkbox"/> MEC <input type="checkbox"/> OTHERS	LEED Compliance <input type="text"/> Samples <input type="text"/>
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1. Material description (one item only on this form) :

Cement Board Assemblies

Area of application : **As per Drawings**

Drawing ref. : - B.O.Q. Ref. No. : -

Specification Ref. : **09259** Standards : -

Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. Manufacturer / supplier

Company Name : **SAINT-GOBAIN GYPROC MIDDLE EAST FZE**

Address : **PO BOX 261107, DUBAI, UAE**

Local Agent : **ISAM KABBANI & PARTNERS DAMMAM KSA**

3. Delivery :

Country of origin : **UAE**

Availability

☐ Locally Manufactured ☒ Overseas

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely.

QA/QC  13/01/16, DY.PROG MNGR  PM  Date  2-Jan-16

1- Comments & Approval are related, only, to Cement Boards Material. Other mentioned Materials, Composite Systems Walls and Details, System Specification & General Clauses (by Gyproc), are not considered under this Submittal.

2- Statement for Product Test Reports marked "By Other" on the compliance Sheet is rejected. Fire Test Report is noted for the 12 mm Thick Boards. The 6 mm Boards is not considered for any FR or Sound Performances, and considered, only, as proposed by Contractor (outer board to certain partitions, without impact on its performances, without additional cost). All partitions remain subject to required performances as composite system. We note that the previously required (see previous submittals) tests reports for the composite partitions are still outstanding, under Contractor responsibility.

3- the Particular Proposal for Usage of 6 mm Cement Boards as Outer Board of the Partitions (and in particular as Back of Tiles substrate) remain under full Contractor responsibility for any further deformation (waving, protruding board edges, protruding areas, fissures, etc). Main Contractor Warranty is applicable to the finished Partitions, with all related elements.

Carlos Zeid

12/01/2016

<input type="checkbox"/>	Approved
<input checked="" type="checkbox"/>	Approved as noted
<input type="checkbox"/>	Revise and resubmit
<input type="checkbox"/>	Rejected
<input type="checkbox"/>	Sample required
<input type="checkbox"/>	Tests required
<input type="checkbox"/>	Additional information required
<input type="checkbox"/>	Manufacturer's guarantee required

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.

Proj. no. : S14006-0100D PACKAGE 2	Employer:  MINISTRY OF FINANCE	Request No. MAT-AAR-0058-06
Consultant:  dar al-handasah shair and partners s.a.l.	Contractor:  شركة الفوزان للتجارة والمقاولات العامة AL-FOZZAN TRADING & GENERAL CONSTRUCTION CO.	Date 03-12-16

Submittal for Approval of Materials

1. Material description (one item only on this form) :
DRY WALL SYSTEM (INTERIOR / EXTERIOR GYPSUM BOARD FOR PARTITION FOR PARTITION WALL)

(3 TECHNICAL SUBMITTALS & 1 CD)

AREA OF APPLICATION: FOR ALL TOWER BUILDING

B.O.Q. Ref. No : DIV 9

Specification Ref: 092900

Standards:

Attach all relevant technical literature marked to identify relevant description, current Test Certificates, samples as appropriate.

2. Manufacturer / supplier

Company Name : ISAM KABBANI (UNITECH) / Supplier

Address TEL: 00966148423095-FAX: 00966148421090-MADINAH

Local Agent : GYPROC , Saint-Gobain. / Manufactur.

3. Delivery :

Country of origin : KSA

Availability

☒ Locally Manufactured

☐ Overseas

Delivery

Ex-works/ total duration []

Estimated time of arrival on site []

Program

Date material required on site []

Latest date for order []



We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated; also that the material sources indicated above have been reviewed in detail and that they will deliver the submitted items in conformity with the above and deliver same timely.

Submitted by : Eng. Altaf Khan Signature

4. Engineer's Representative comments:

Approved as noted,

Refer to comments on the attached sheets

M. abdelkader/Ahmed M. Abdel-Hameed 6 Dec. 2016

Signature

Date: 06/12/2016

<input checked="" type="checkbox"/>	Approved
<input checked="" type="checkbox"/>	Approved as noted
<input type="checkbox"/>	Revised and resubmit
<input type="checkbox"/>	Additional information required
<input type="checkbox"/>	Manufacturer's guarantee required

Approval shall not relieve Contractor of his liabilities under the Contract or constitute authorization of any change to Contract Documents.

Madinah Hajj City – PK02

Submittal reference: **PK02-AAR-MDS-00485**

Material reference: **S14006-PK02-FTCO-MAT-AAR-0058 - Rev 06**

Material description: **Dry Wall system, manufactured by GYPROC, Saint-Gobain.**

Supplier: **ISAM KABBANI (UNITECH).**

Code (B) Approved As Noted

- Submittal was reviewed for **partition wall assemblies only**, according to specs section 092900 & 092216.
- The submittal is including the following types:-
 - Gyproc **Regular Boards** (For regular type, specs item 2.2B).
 - Gyproc **FireStop Boards** (For type X, specs item 2.2C).
 - Gyproc **DuraLine Boards** (For Abuse-Resistant type, specs item 2.2.H).
 - Gyproc **M2TECH Boards** (For Moisture/Mold Resistant type, specs item 2.2.I).
- The submittal is including the following accessories:-
 - Gyproc Drywall and Wafer Head Screws.
 - Gyproc Fibre Tape and Gyproc Paper Tape.
 - Gyproc Plasterboard Adhesive.
 - Gyproc Metal Profiles.
 - ES Elastomeric Sealant
 - Gyproc Sealant.
 - Gyproc Jointing Compound.
 - Gyproc Standard Access Panel.
- Area of application: Interior gypsum board for Partitions.
 - wall partition types are (P03A, P03B, P03C - P04A, P04B, P04C, P04D, P04E and P07)

Please find the following comments:-

Arch Material comments:

(Code B)

1. The submitted documents are accepted:-
 - Fire resistance performance test report No. “DFL0399-00” from Exova “Warringtonfire”, submitted in Rev 0, as per the followings:-

Description on both sides	Board	Rating
1 layers of 15 mm thick	Regular	30 min.
2 layers of 12.5 mm thick	Regular	60 min.
2 layers of 15 mm thick	Regular	90 min.
1 layers of 15 mm thick	Fire stop	60 min.
2 layers of 12.5 mm thick	Fire stop	120 min.
3 layers of 15 mm thick	Fire stop	180 min.

- Surface Burning characteristics ASTM E84 from “Exova”, submitted in Rev 0.
- Mill certificate is for CS type B – Z275 (g/m²), submitted in Rev 2.
- Stud/Channel 0.9mm thickness, submitted in Rev 2.
- Test report from Exova, comply with ASTM C1396, submitted in Rev 1, 2.
- Submitted acoustic test report No. BTC16238A, BTC16240A and BTC15279A, submitted in Rev 2, as per the followings:-

Description	insulation	STC	Report
Double layer of 15mm FireLine	25mm thick	52	BTC16238A
single layer of 15mm FireLine	25mm thick	44	BTC16238A
Double layer of 15mm FireLine	100mm thick	53	BTC16240A
single layer of 15mm FireLine	100mm thick	46	BTC16240A
single layer of 15mm FireLine	50mm thick	60	BTC15279A

2. Manufacturer reply regarding previous comment is noted, however Complete **shop drawings** for all partitions to be submitted, coordinated with related area of application and considering above test reports, before proceeding, for review and approval.

3. For final approval, refer to site mockup approval as per latest design including all accessories.
4. Manufacturer & Applicator's Warranty for assembly, to be submitted from substantial completion date, addressed to "Madinah HAJJ" Project, as per specs item 1.8, include but not limited to Structural failures including but not limited to excessive deflection, Failure in fixings, Failure of system to meet performance requirements.

Structural comments

(Code B)

5. The contractor reply is noted, however, there is no objection to adopt the proposed type in that limited case (not generalized) with that significant safety margin and respective minimal loads in line with the submitted warranty.

End of Comments