



## HPL LOCKERS TECHNICAL DATA



## A. PRODUCTS

### A1: COMPACMEL PLUS, MADE IN SPAIN

#### 1. STANDARD COLORS



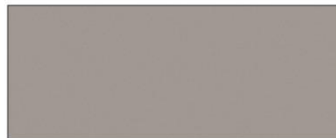
78E\_WHITE SR209



15R\_GRIS COCO



183\_CREMA 005



11R\_VISON CHIC



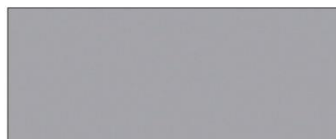
01Q\_GRIS TORTORA



53S\_MOKA CHIC



U12\_NATURAL GREY



72E\_ALUMINIO AROSA



71A\_GRIS GU



231\_NEGRO



172\_ROJO



139\_AZUL EO



22G\_AMARILLO SOL



54C\_VERDE NATURAL

#### 2. THICKNESS : 13MM

## LEED CREDITS: SUSTAINABLE CONSTRUCTION

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Our products offer LEED credits in the following areas:

- Recycled content
- Regional materials
- Rapidly renewable materials
- Certified wood
- Low-emission materials

## CERTIFICATIONS: WOOD FROM SUSTAINABLE FORESTS

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The Chain of Custody certifies the route of the raw materials from the forest to the consumer / customer, including all stages of the process; i.e., it warrants that the products purchased are made with materials from sustainably managed forests.

This warranty through PEFC and FSC<sup>®</sup> certificates, includes the production and marketing of wood-based products.



The mark of  
responsible forestry





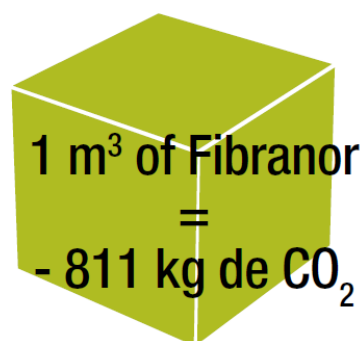
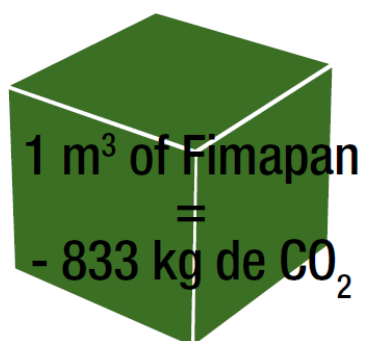
## TRANSPARENCY: ECOLOGICAL PRODUCT FOOTPRINT

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In 2011, FINSA became the first technical wood manufacturer on the Iberian Peninsula providing the Environmental Product Declaration (EPD) for its products.

The EPD is a tool for conveying clear, transparent information on the impact of a given product upon the environment during every stage of its life cycle.

In the case of our products, it confirms that wood is a material that keeps capturing greenhouse gases throughout our entire production process.



# MAIN ADVANTAGES



ENVIRONMENTALLY FRIENDLY: SUSTAINABLE, 100% RECYCLABLE MATERIAL.

E1: LOW FORMALDEHYDE CONTENT



EXCELLENT MECHANICAL PROPERTIES (BENDING STRENGTH, INTERNAL BOND, RESISTANCE TO IMPACT,...) AND DIMENSIONAL STABILITY



HIGH RESISTANCE TO MOISTURE (EXCEEDS THE V313 AND V100 TEST REQUIREMENTS)



COMPETITIVE COST

LOW TOOL WEAR



WIDE RANGE OF DECORS

VERSATILE DESIGN



EASY MACHINE WORK (CUTTING AND DRILLING) AND INSTALLATION.

STANDARD TOOLS AND HARDWARE



CERTIFIED ANTIBACTERIAL SURFACE



FIRE-RETARDANT QUALITY AVAILABLE



# ANTIBACTERIAL CERTIFICATION



## CERTIFICATION

**IMSL**  
INDUSTRIAL MICROBIOLOGICAL SERVICES LTD

The CompacMel Plus surface has been certified by an external laboratory, the IMSL (Industrial Microbiological Services) in the UK, following the procedures outlined by ISO 22196: 2011, which confirms that the performance of CompacMel Plus inhibits the growth and development of bacteria, without affecting its coating features.

Tested with the following bacteria:

- *S. aureus*, which can produce a large variety of diseases, ranging from skin and mucous infections, to life-threatening diseases such as meningitis, pneumonia, etc.
- *E. coli*, which can cause diarrhea and serious intestinal issues.

### ANALYSIS CERTIFICATE

CERTIFICATE NO. 1023308.1E-1

IMSL  
Industrial Microbiological Services (UK)  
[www.imsl-uk.com](http://www.imsl-uk.com)

Method: Calculation of antibacterial activity by using ISO 22196: 2011

RESULTS (AS CFU CM-2)

SAMPLE

		CONTACT	TIME	REDUCTION	LOG % DIFFERENCE
COMPACMEL PLUS	<i>E. Coli</i>	1.7E+04	≤ 1.0	≥ 4.2	> 99.99%
	<i>S. aureus</i>	2.0E+04	≤ 1.0	≥ 4.3	> 99.99%

The above data show the difference between the initial and final bacterial populations after contact with sample surfaces, referenced for 24 hours at 35 °C, at a relative humidity of 95%.

# TECHNICAL CERTIFICATIONS:

 **AIDIMA**  
INSTITUTO TECNOLÓGICO  
MUEBLE, MADERA, EMBALAJE Y AFINES



## CERTIFICATION

AIDIMA, the Technological Furniture, Wood, Packaging and Similar Products Institute, is a non-profit organization established in 1984, equipped with one of the best Technological Institutes in Europe. A complete characterization of CompacMel Plus has been conducted at their laboratories, assessing both the support as well as the coating properties.

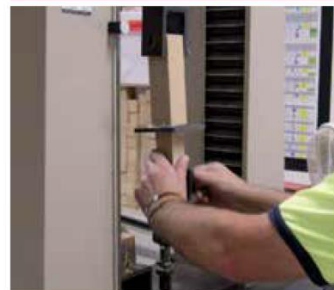
"The tested product CompacMel Plus meets the requirements of the following standards, which apply to kitchen and bathroom furniture":

- UNE 56 842
- UNE 56 843
- UNE 56 867
- UNE 56 868
- ISO 19712-1



## THERMAL CONDUCTIVITY

Thanks to the good thermal conductivity values achieved, CompacMel Plus is a perfect product for wall cladding, as it substantially improves thermal insulation, and thus reduces energy consumption.



# TECHNICAL DETAILS

TEST	PROPERTY	THICKNESS (mm)	UNITS	
		13-19		
EN 323	Density <small>(indicative information)</small>	>1000	kg/m <sup>3</sup>	
EN 319	Internal bond	1.8	N/mm <sup>2</sup>	
EN 310	Bending strength	50	N/mm <sup>2</sup>	
EN 310	Modulus of elasticity	5000	N/mm <sup>2</sup>	
EN 317	Thickness swelling in 24h	7	%	
EN 318	Dimensional stability. Length / Width	0.4	%	
EN 318	Dimensional stability. Thickness	6	%	
EN 311	Surface soudness	1.7	N/mm <sup>2</sup>	
EN 322	Moisture content	7±3	%	
ISO 3340	Silica content	<0.05	% by weight	
EN 717-2	Formaldehyde emission	≤ 3,5 (E1 Class)	mg/m <sup>2</sup> h	
EN 13329	Edge swelling	10	%	
EN 13986:2004	Reaction to fire (*)	D-s2, d2 (*)	Euroclass	
EN 321/ EN 317	Accelerated aging test (opt. 1) Swelling after cyclic test (V313)	2	%	
EN 321 / EN 319	Accelerated aging test (opt.1) Internal bond after cyclic test (V313)	0.60	N/mm <sup>2</sup>	
EN 1087-1 EN 319	Accelerated aging test (opt.2) Internal traction after cooking test (V100)	0.20	N/mm <sup>2</sup>	
TOLERANCE IN NOMINAL DIMENSIONS				
EN 324-1	Thickness	± 0.30	mm	
EN 324-1	Length and width	+/- 2 mm/m max 5 mm	mm	
EN 324-2	Squareness	± 2	mm/m	
EN 324-2	Edge straightness	± 1.5	mm/m	
COATING				
UNE-EN 14323	Resistance to scratching	≥2	n	
UNE-EN 14323	Resistance to cracking	4	degree	
UNE-EN 14323	Resistance to staining (group 3)	4	degree	
UNE-EN 14323	Resistance to dry heat	4	degree	
UNE-EN 14323	Resistance to impact	1500	mm	
VISUAL DEFECTS				
UNE-EN 14323	Edge damage	≤10 (**), ≤3(***)	mm/m	
UNE-EN 14323	Visual defects. Points	≤2	mm <sup>2</sup> /m <sup>2</sup>	
UNE-EN 14323	Visual defects. Scratches	≤20	mm/m <sup>2</sup>	
	Abrasion resistance	Class	IP number of turns	WR number of turns
UNE-EN 14323	Abrasion resistance. Designs (inc. metallic)	1	<50	<150
UNE-EN 14323	Abrasion resistance. Solid colours	3A	>150	>350

(\*) For confined air gap or outdoor air gap below or equal to 22mm behind the COMPAC PLUS ≥9 mm. E classification for any other use /thickness condition. According to decision 2007/348/EC.

(\*\*) Commercial dimensions, (\*\*\*) Boards cut to size.

These physical and mechanical values meet/improve the values set forth under European Standard EN 622-5:2009, Table 4, Requirements for general-purpose boards in humid environments (Type MDF.H). COMPAC PLUS meets the Class E1 requirements (analyzed according to Standard EN 120) set forth under European Standard EN 622-1:2003.

# COMPACMEL PLUS FIRE-RETARDANT

TEST	PROPERTY	THICKNESS	UNITS	
		(mm) 13 - 19		
EN 323	Density <small>(indicative information)</small>	>1050	kg/m <sup>3</sup>	
EN 319	Internal bond	1.8	N/mm <sup>2</sup>	
EN 310	Bending strength	45	N/mm <sup>2</sup>	
EN 310	Modulus of elasticity	4000	N/mm <sup>2</sup>	
EN 317	Thickness swelling in 24h	2	%	
EN 318	Dimensional stability. Length / Width	0.4	%	
EN 318	Dimensional stability. Thickness	6	%	
EN 311	Surface soundness	1.7	N/mm <sup>2</sup>	
EN 322	Moisture content	7±3	%	
ISO 3340	Silica content	<0.05	% by weight	
EN 717-2	Formaldehyde emission	≤ 3,5 (E1 Class)	mg/m <sup>2</sup> h	
EN 13329	Edge swelling	10	%	
EN 13501-1	Reaction to fire	B-s1,d0	Euroclass	
EN 1087-1 EN 319	Accelerated aging test (opt.2) Internal traction after cooking test (V100)	0.20	N/mm <sup>2</sup>	
TOLERANCE IN NOMINAL DIMENSIONS				
EN 324-1	Thickness	± 0.30	mm	
EN 324-1	Length and width	+/- 2 mm/m max 5 mm	mm	
EN 324-2	Squareness	± 2	mm/m	
EN 324-2	Edge straightness	± 1.5	mm/m	
COATING				
UNE-EN 14323	Resistance to scratching	≥2	n	
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## STANDARDS AND CERTIFICATIONS



### ANTIBACTERIAL MARKING

Antibacterial surface according to ISO Standard 22196: 2011 certifying that the product offers benefits that inhibit the growth and development of bacteria.



### FIRE-RETARDANT BOARD

European Standard EN 13501-1  
"Classification based on fire performance of construction products and building elements."



### MOISTURE RESISTANT BOARD

European Standard EN 622-5.  
Requirements for general-purpose boards in humid environments.

## CE



CE Mark in accordance with European Standard EN 13986 certified by AENOR.

## ENVIRONMENTAL CERTIFICATIONS



FSC® certification guarantees the consumer that forest products come from rationally-managed forests, according to the Principles and Criteria of the Forest Stewardship Council.

For more info: [www.fsc-spain.org](http://www.fsc-spain.org)



Forest Management Certificate PEFC/1435-00006. PEFC is an independent, non-governmental and non-profit entity whose aim is to promote sustainable forest management worldwide.

For more info: [www.pefc.org](http://www.pefc.org)

# CERTIFICATION



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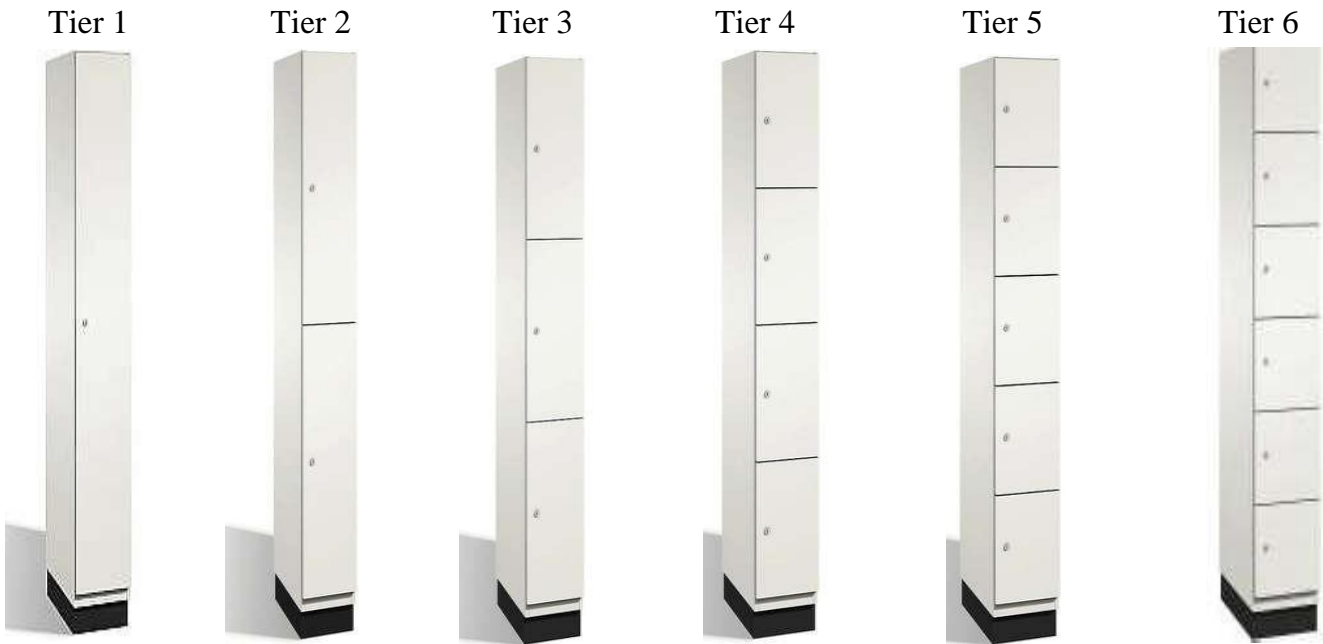
The above data show the difference between the initial and final bacterial populations after contact with sample surfaces, referenced for 24 hours at 35 °C, at a relative humidity of 95%.

## FEATURED DATA

In tests conducted by AIDIMA, the product's resistance to changing temperature and humidity conditions was assessed.

The following tests were conducted, whose results are shown below:

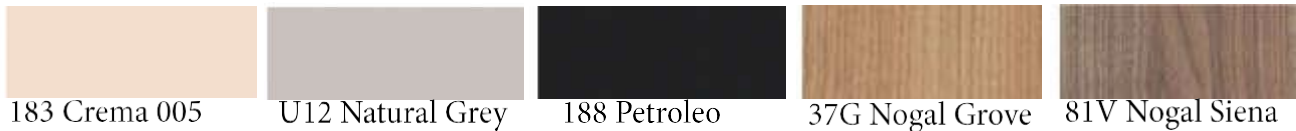
TEST RESULTS		TIME		TEMPERATURE		RELATIVE HUMIDITY		SUBMERGED IN WATER											
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <h3 style="text-align: center;">THERMAL STABILITY</h3> <p style="text-align: center;"><b>STANDARD EN 263</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  200°C         </div> <div style="text-align: center;">  20 min         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>LONGITUDINAL INCREASE</div> <div>- 0,1 mm/m</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>THICKNESS INCREASE</div> <div>- 0,80 %</div> </div> </div> </div>										<h3 style="text-align: center;">RESISTANCE TO HOT WATER</h3> <p style="text-align: center;"><b>STANDARD EN 263</b></p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>100 CYCLES</div> <div style="text-align: center;">   60°C            30 min         </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="text-align: center;">   20°C            30 min         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>LONGITUDINAL INCREASE</div> <div>0,27 %</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>THICKNESS INCREASE</div> <div>6,3 %</div> </div>									
<h3 style="text-align: center;">THERMAL SHOCK CYCLES</h3> <p style="text-align: center;"><b>STANDARD UNE 48025</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div>40 CYCLES</div> <div style="text-align: center;">   </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="text-align: center;">60°C</div> <div style="text-align: center;">– 60 min</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="text-align: center;">-20°C</div> <div style="text-align: center;">– 60 min</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 5px;"> <div style="text-align: center;">20°C</div> <div style="text-align: center;">– 15 min</div> </div> <div style="text-align: center; margin-top: 10px; background-color: #f00; color: white; padding: 5px;">ZERO DEFECTS</div>					<h3 style="text-align: center;">DIMENSIONAL STABILITY AT HIGH TEMPERATURE</h3> <p style="text-align: center;"><b>STANDARD EN 438</b></p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  70°C            24h         </div> <div style="text-align: center;">  40°C            90%            96h         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>LONGITUDINAL INCREASE</div> <div>0,37%</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>TRANSVERSAL INCREASE</div> <div>0,38%</div> </div>					<h3 style="text-align: center;">DIMENSIONAL STABILITY TO HUMIDITY CHANGES</h3> <p style="text-align: center;"><b>STANDARD EN 318</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  20°C         </div> <div style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>I.</div> <div>30%→65%→85%</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>II.</div> <div>85%→65%→30%</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>LONGITUDINAL INCREASE</div> <div>0,22%</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>TRANSVERSAL INCREASE</div> <div>0,33%</div> </div>									



## AVAILABLE SIZES

WIDTH	200mm	250mm	300mm	350mm	400mm	Custom
DEPTH	300mm	400mm	500mm	Custom		
HEIGHT	2000mm	Custom				

## Standard colors:



183 Crema 005

U12 Natural Grey

188 Petroleo

37G Nogal Grove

81V Nogal Siena

## Material:

Wall :

HPL- melamine resin sheet 13mm

Tier :

HPL- melamine resin sheet 13mm

Floor Panel:

HPL- melamine resin sheet 13mm

Top Panel :

HPL- melamine resin sheet 13mm

Shelves :

HPL- melamine resin sheet 13mm

Rear Wall :

HPL- melamine resin sheet 13mm

## Options:

Cylinder lock

Electronic locking system

-pin code

-card reader

Self -closing hinges

Sloping top (angle 30)

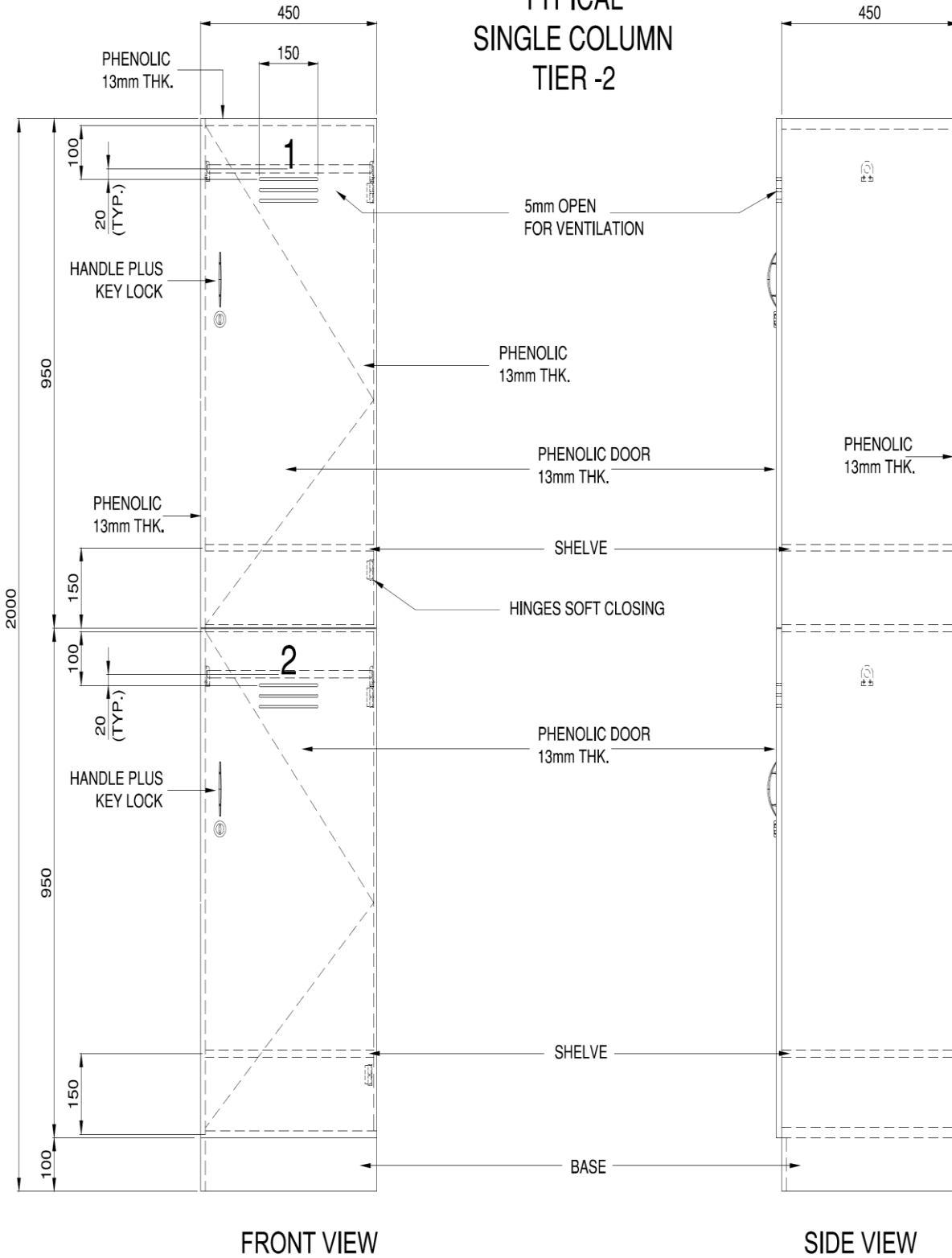
Top panel (ceiling connection) 90

Aluminium basement

Stainless steel basement with adjustable feet (galvanized)

Anchor hooks

# TYPICAL SINGLE COLUMN TIER -2



## A2. ACCESSORIES

### Metalla SM Concealed Hinges For wooden doors

**HÄFELE**

#### Metalla SM Combi 110°

For standard applications



Full overlay mounting with mounting plate



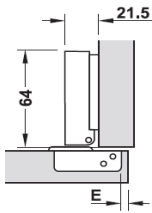
- With or without integrated soft close

- Material: Steel cup and hinge arm
- Finish: Nickel plated
- Cup fixing: For screw fixing
- Installation: Door to cabinet with SM quick fixing system
- Drilling depth: Hinge cup 12.0 mm
- Adjustment facility: Side adjustment  $\pm 1.5$  mm, height adjustment  $\pm 2$  mm (via mounting plate), depth adjustment from  $-1$  to  $+3$ mm
- With automatic closing spring

#### Note

The values (distance to cup) in the table apply to centre position of side adjusting screw.

#### → Full overlay mounting

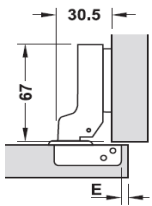


Door overlay mm									
10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5		
				3	4	5	6	0	
		3	4	5	6				2
3	4	5	6						4
Distance to cup E mm					Mounting plate distance mm				

Soft closing mechanism	Drilling pattern		
	45/9.5	48/6	52/5.5
With	311.60.505	311.60.526	311.60.515
Without	311.60.600	311.60.620	311.60.610

Packing: 200 pieces

#### → Half overlay mounting/twin mounting

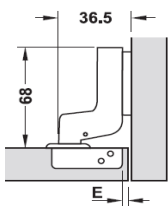


Door overlay mm									
3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5		
				3	4	5	6	0	
		3	4	5	6				2
3	4	5	6						4
Distance to cup E mm					Mounting plate distance mm				

Soft closing mechanism	Drilling pattern		
	45/9.5	48/6	52/5.5
With	311.60.506	311.60.526	311.60.516
Without	311.60.601	311.60.621	311.60.611

Packing: 200 pieces

#### → Inset mounting



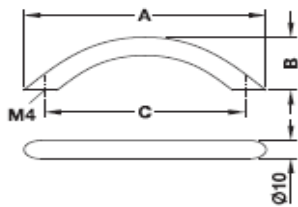
Door overlay mm									
-5.5	-4.5	-3.5	-2.5	-1.5	-0.5	0.5	1.5		
				3	4	5	6	0	
		3	4	5	6				2
3	4	5	6						4
Distance to cup E mm					Mounting plate distance mm				

Soft closing mechanism	Drilling pattern		
	45/9.5	48/6	52/5.5
With	311.60.507	311.60.527	311.60.517
Without	311.60.602	311.60.622	311.60.612

Packing: 200 pieces

Mounting plates ► FF 4.76

Cover caps ► FF 4.76

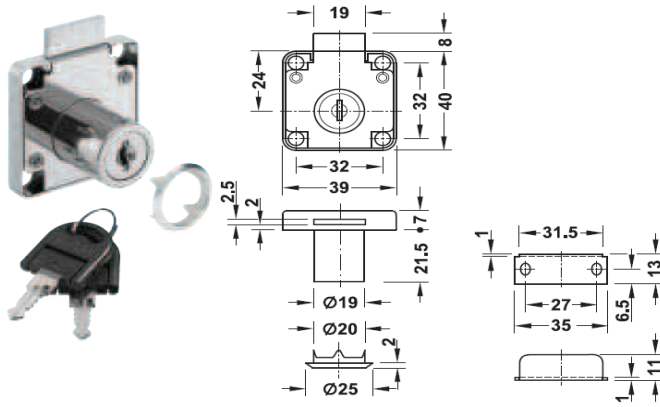


Finish/colour	Dim. A mm	Dim. B mm	Dim. C mm	Cat. No.
Polished chrome plated	112	30	96	155.00.820
	148	30	128	155.00.821
	184	32	160	155.00.822
	221	32	192	155.00.823
	297	32	256	155.00.824
	332	31	288	155.00.825
	392	41	352	155.00.826
Matt chrome plated	112	30	96	155.00.830
	148	30	128	155.00.831
	184	32	160	155.00.832
	221	32	192	155.00.833
	297	32	256	155.00.834
	332	31	288	155.00.835
	392	41	352	155.00.836
Matt nickel plated	112	30	96	155.00.840
	148	30	128	155.00.841
	184	32	160	155.00.842
	221	32	192	155.00.843
	297	32	256	155.00.844
	332	31	288	155.00.845
	392	41	352	155.00.846
Brushed nickel plated	112	30	96	155.00.850
	148	30	128	155.00.851
	184	32	160	155.00.852
	221	32	192	155.00.853
	297	32	256	155.00.854
	332	31	288	155.00.855
	392	41	352	155.00.856

Packing: 1 or 25 pieces

**Econo Deadbolt rim lock**

Backset 24 mm



- Area of application: Suitable for mass produced furniture
- Material: Zinc alloy
- Finish: Chrome plated polished
- Backset D: 24 mm
- Cylinder length: 21 mm
- Cylinder Ø: 19 mm
- Locking system: With 6 plate levers
- Key change: 120 different key changes possible
- Installation: For screw fixing

→ **Standard profile**

**Supplied with**

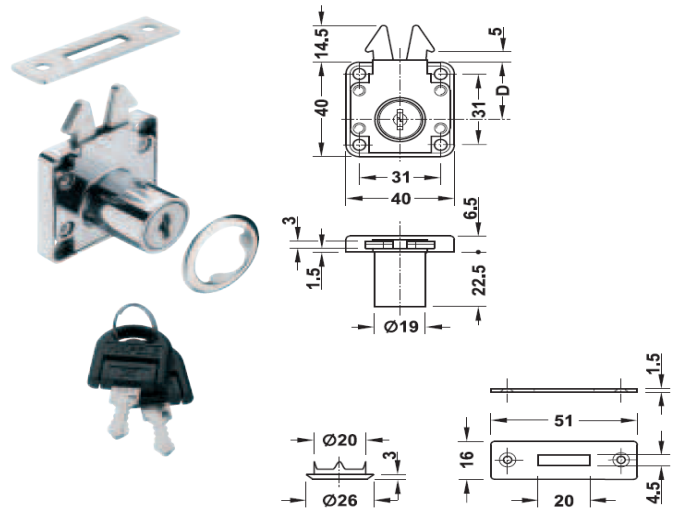
- 1 Deadbolt rim lock
- 1 Cylinder rosette
- 1 Angled striking plate
- 2 Folding keys

Key change	Mounting	Cat. No.
Keyed to differ	Left	232.01.200
	Right	232.01.210
	Drawer version	232.01.220

Packing: 1 or 12 pieces

**Econo Roller shutter rim lock**

Backset 24.5 mm



- Area of application: For tambour doors
- Material: Zinc alloy
- Finish: Chrome plated polished
- Backset D: 24.5 mm
- Cylinder length: 22 mm
- Cylinder Ø: 19 mm
- Locking system: With 6 plate levers
- Key change: 120 different key changes possible
- Installation: For screw fixing

→ **Standard profile**

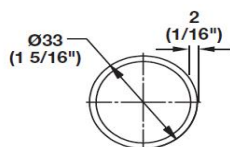
**Supplied with**

- 1 Roller shutter rim lock
- 2 Folding keys
- 1 Striking plate
- 1 Cylinder rosette

Key change	Mounting	Cat. No.
Keyed to differ	Drawer version	232.01.240

Packing: 1 piece

**TAG Synergy**



**Wardrobe Tube**

- Round  
 $\text{Ø} \times \text{L}$ : 33 x 2438 mm (1 5/16" x 8')

Material: Aluminum, anodized

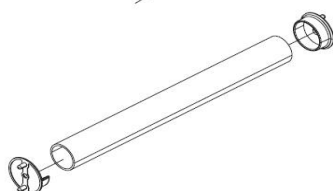
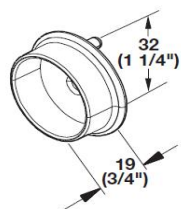
Finish	Item No.
polished chrome	801.42.200
matt aluminum	801.42.900
matt nickel	801.42.600
dark oil-rubbed bronze	801.42.100

Material: Aluminum, powder-coated

Color	Item No.
white	801.42.710

**Supplied With**

12 pcs.



**Wardrobe Tube Support**

- With two pins for 5 mm holes
- 32 mm (1 1/4") spacing with an additional screw hole for side panel mounting

Material: Zinc-plated

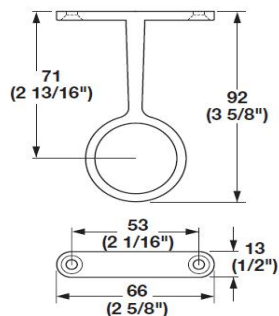
Finish	Item No.
polished chrome	803.56.200
matt aluminum	803.56.900
matt nickel	803.56.600
dark oil-rubbed bronze	803.56.100

Material: Zinc, powder-coated

Color	Item No.
white	803.56.710

**Supplied With**

- 1 Half closed support
- 1 Fully closed support



**Wardrobe Tube Center Support**

- Surface mount
- For  $\text{Ø}33$  mm (1 5/16") tube

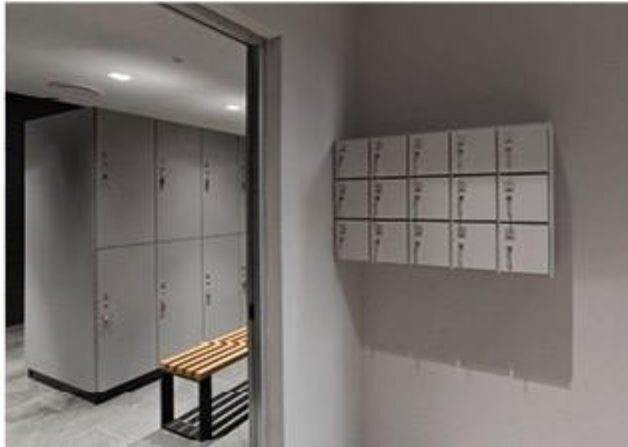
Material: Zinc die-cast

Finish	Item No.
polished chrome	802.06.267
matt aluminum	802.06.367
matt nickel	802.06.667
dark oil-rubbed bronze	802.06.167

**Supplied With**

Screws

B. Sample Pictures



# Project References

Listed below are a few of the project completed successfully by Gyptech.  
Details for any of the project is available upon request.

1. KFUPM Student Accomadation , 596 Units  
Sub Contracted to Gyptech by Al Khodari Contracting
2. KFUPM Student Housing III & IV Dammam, 1266 Units  
Sub Contracted to Gyptech by Al Yammama Contracting
3. KFUPM Student Housing, 250 Units  
Sub Contracted to Gyptech by PITCO Contracting
4. Mouwasat Hospital Dammam, 600 Units  
Sub Contracted to Gyptech by Al Swayeh Contracting
5. Ministry of Defense Riyadh, 20 Units  
Sub Contracted to Gyptech by Rashid Contracting
6. Rashid Avenue & Rashid Mall, 150 Units  
Sub Contracted to Gyptech by Rashid Contracting
7. King Fahad Hospital, 50 Units  
Sub Contracted to Gyptech by Bader Contracting

The following institutions give continuous ongoing Renovation Jobs Ranging from 1 to 30 Units, detail can be provided upon request.

1. Saudi Aramco (Dhahran, Abqaiia, Rastanura, Udaliyah)
2. Royal Commission Jubail
3. SABIC Jubail
4. SWCC Rastanura

# APPROVALS:

ABC		MATERIAL TECHNICAL SUBMITTAL		Saudia Aramco	
<b>TO:</b> Saudia Aramco South Dhahran Home Ownership Project (SDHOP), Dhahran, Saudi Arabia  <b>ATTN:</b> Tarki A. Bakhalder Company Representative  <b>FROM:</b> Ashi & Bushing Co. (ABC) PO Box # 6934, Fm. Code - 21423  Jeddah Saudi Arabia Tel: +966 126573076 Fax: +966 12655392	<b>BIJO No. :</b> BH-25-00014-0005  <b>CONTRACT :</b> 6500042549  <b>PROJECT 1 :</b> South Dhahran Home Ownership Project (SDHOP) Private School Buildings  <b>LOCATION :</b> DHARAN, SAUDI ARABIA	No. of Copies: 2 Copies  SPECS REF.: GEN -0004, Div. 010  SECTION No.: 105000  DRAWING REFERENCES: See Section 11 for Applicable dwgs.  APPLICABLE STANDARD: N/A	SUBMITTAL CODE <input checked="" type="checkbox"/> A Architecture <input type="checkbox"/> C Civil <input type="checkbox"/> S Structural <input type="checkbox"/> M Mechanical <input type="checkbox"/> E Electrical <input type="checkbox"/> I Instrumentation / Telecommunications <input type="checkbox"/> O Others	Attachments: <input checked="" type="checkbox"/> Data Sheet/Catalogue <input checked="" type="checkbox"/> Samples <input checked="" type="checkbox"/> Test Certificates <input checked="" type="checkbox"/> Other Documents  Inspection Level: <input type="checkbox"/> I <input type="checkbox"/> N	(FOR SAUDI ARAMCO USE ONLY) REVENUE COMMENTS/APPROVAL ACTION  Copy with the attached comments.
<b>REFERENCE SUBMITTAL NO.:</b> ABC-A18-PTS-291 <input checked="" type="checkbox"/> New Submittal <input type="checkbox"/> Re-submittal REV. NO. 0 DATE 10-Nov-20	<b>VENDOR NAME &amp; CONTACT DETAILS</b> Gyptech, Building Technology Co. Ltd. King Khalid St. Cross 1718 PO. Box 2098, Al-Khobar 31952 Tel: +913 887 0077 +913 887 1177 Email: info@gyptech.com.sa	<b>MANUFACTURER NAME</b> 1. FINSA Spain 2. HAFELE American Company	<b>SA VENDOR I.D. NO.:</b> 10064038  <b>SA PLANT I.D. NO.:</b>	<b>APPROVED BY:</b> Ahmed Farok Project Manager Date: [Signature]	<b>REVIEWED BY:</b> via e-mail SAPMT Material Specialist Date: [Signature]
<b>MATERIAL DESCRIPTION</b> 1. PHENOLIC LOCKERS 2. HARDWARE AND FITTINGS	<b>SA Com#</b> #6000000480	<b>REVIEWED BY:</b> Mohammed Zaki Procurement Manager Proc. QI Supv Date: 11/11/20	<b>REVIEWED BY:</b> via e-mail SAPMT Project Engineer Date: [Signature]	<b>REVIEWED BY:</b> via e-mail SAPMT Quality Date: [Signature]	<b>REASON OF REV.</b> Area of Application: Package 1 & 2 EMEZ LOS REF. CODE: AR 480
<b>PREPARED BY:</b> Shadi Ader Procurement Engineer Date: 11/11/20	<b>APPROVED BY:</b> Tarki A. Bakhalder Company Representative Date: 15/11/2020	[Signature]	[Signature]	[Signature]	[Signature]



# MATERIAL TECHNICAL SUBMITTAL



<b>To:</b> Saudi Arabian Oil Company (Saudi Aramco) South Dhahran Home Ownership Projects Elementary Schools, KG and Special Needs School		<b>B.I. No. :</b> 28-00014-0002 <b>Contract No. :</b> 6600036438 <b>Project Title :</b> Elementary Schools, KG and Special Needs <b>Location :</b> South Dhahran, Kingdom of Saudi Arabia		<b>No. of Copy :</b> 2 <b>Spec. Ref. :</b> 10 21 13 <b>Section No. :</b> 2.3 & 2.4 B <b>Drawing Ref. :</b> HA-031119001 <b>App. Standard :</b> N/A		<b>Submittal Code</b> A <input checked="" type="checkbox"/> Architectural C <input type="checkbox"/> Civil S <input type="checkbox"/> Structural M <input type="checkbox"/> Mechanical E <input type="checkbox"/> Electrical I <input type="checkbox"/> Telecommunicatio O <input type="checkbox"/> Others	
<b>Attn:</b> Mr. Pierre G. Bechara Dib Company Representative		<b>Location :</b> Saudi Aramco Dummy Purchase Order No. SHIK-A18-05-A152-D1		<b>Test/Certificate</b> <input checked="" type="checkbox"/> <b>Other</b> <input checked="" type="checkbox"/>		<b>Inspection Level</b> N/A	
<b>From:</b> Branch of Sinohydro Corporation Company Ltd. P.O. Box 65689, Riyadh, 12311, Kingdom of Saudi Arabia Tel: +966 11 803 0338 Fax: +966 11 462 2565		<b>Rev. No. :</b> 0 <b>Date :</b> 2017-04-05		<b>Attachments</b> Data/Catalogue <input checked="" type="checkbox"/> Sample <input checked="" type="checkbox"/>		<b>Review/Comments/Approval/Action</b> PROVIDE SAMPLES FOR FINISHES SELECTION. 55.	
<b>New Submittal</b> <input checked="" type="checkbox"/> <b>Re-submittal</b> <input type="checkbox"/>		<b>Material Technical Submittal No. :</b> SHCL-SDHO-0001-PP-SAP-MS-00700		<b>Manufacturer:</b> Finsa <b>Manufacturer Plant I.D.:</b> N/A <b>Vendor Details:</b> Gyptech <b>Vendor Address Details:</b> Arshad M. Kamal Technical Sales Manager P.O. Box 2668, Al-Khobar Dammam KSA Tel: +966 13 867 0077 Fax: +966 13 867 0099 E-mail: arshadkama@gyptech.com.sa		<b>(For Saudi Aramco Use Only)</b> <input type="checkbox"/> No Objection as Submitted <input checked="" type="checkbox"/> No Objection as Noted <input type="checkbox"/> Revise and Resubmit <input type="checkbox"/> Rejected	
<b>S.N. :</b> Partition, Toilet System; Cubicle; A.1 Solid Phenolic Board ; Size: 3660 mm x 1830 mm 2440 mm x 1830 mm , 1220 mm x 2440 mm A.2 Thickness: 13mm , 19 mm A.3 Shoes ; Material : Stainless Steel Height : 10 cm , 15 cm A.4 Head Rail ; Material : Aluminium B Stainless Steel Hardware and Fitting Accessories for solid Phenolic Toilet Partition <b>Purpose:</b> Toilet Partition		<b>SCOM :</b> 6000000357		<b>Manufacturer:</b> Finsa <b>Manufacturer Plant I.D.:</b> N/A <b>Vendor Details:</b> Gyptech <b>Vendor Address Details:</b> Arshad M. Kamal Technical Sales Manager P.O. Box 2668, Al-Khobar Dammam KSA Tel: +966 13 867 0077 Fax: +966 13 867 0099 E-mail: arshadkama@gyptech.com.sa		<b>Reviewed by:</b> Material Specialist 5/11/17 Date: 11 May 17 Senior Project Engineer VID/SAIR 4512 Date: 05/3/17	
<b>Reviewed by:</b> Mr. Muhammad Asif Muhammad Akhtar Procurement Quality Control Supervisor Date: 25/4/17		<b>Reviewed by:</b> Mr. Aynul Islam Quality Assurance Manager Date: 25/4/17		<b>Reviewed by:</b> Mr. Talat N Khan Engineering Manager Date: Apr. 25. 2017		<b>Reviewed by:</b> Mr. Chang Zhihua Project Manager Date: Apr. 25. 2017	
<b>Reviewed by:</b> Mr. Pierre G. Bechara Dib Company Representative Date: 5/11/17		<b>Reviewed by:</b> Mr. Pierre G. Bechara Dib Company Representative Date: 5/11/17		<b>Reviewed by:</b> Mr. Pierre G. Bechara Dib Company Representative Date: 5/11/17		<b>Reviewed by:</b> Mr. Pierre G. Bechara Dib Company Representative Date: 5/11/17	





**Royal Commission for Jubail and Yanbu**  
 Directorate General of the Royal Commission in Jubail  
 Construction Department

**RC TRANSMITTAL**

RE: **Farrand, Daniel R.**

**PLEASE ACKNOWLEDGE RECEIPT AND RETURN IMMEDIATELY**

DATE: 12-Oct-19

**Document Type:** **Code:**  
 Material Approval CMA Technical  
 CV/Resume Y0UI Non-Technical

**Contract No:** **627-C22**

**RC Transmittal No:** **T-081**

**ATTENTION SUPPLIERS: ALL FINAL DRAWINGS SUBMITTED TO THE ROYAL COMMISSION MUST BE IN GOOD QUALITY MYLAR**

Document No.	Rev. No	Description/Title	*Action/Code	Action /Code	Reference	
					Trans No	Date Received
<b>IS</b>						
02-009-00	0	Material Submittal Interlock Paving Blocks (200x100x60cm) (MAZ)	2	CMA	373	9/30/2019
10-001-00	0	Material Submittal Phenolic Door (Gyptech)	2	CMA	368	9/29/2019
16-035-00	0	Material Submittal Telecom Perforated Cable Tray & Under Floor Trunking Trunking With Fittings & Accessories (SFSP-MK Electric)	1	CMA	369	9/29/2019
16-036-00	0	Material Submittal Disconnect Switches (GE & ABB)	3	CMA	370	9/29/2019
<b>NTS</b>						
01-111-00	0	Proposed Key Personnel Resume For Civil Superintenant (Ahmed Ibrahim)	3	Y0UI	367	9/29/2019
01-112-00	0	Proposed Key Personnel Resume For Safety Officer (Shaikh Maaz Mustafa)	2	Y0UI	372	9/29/2019

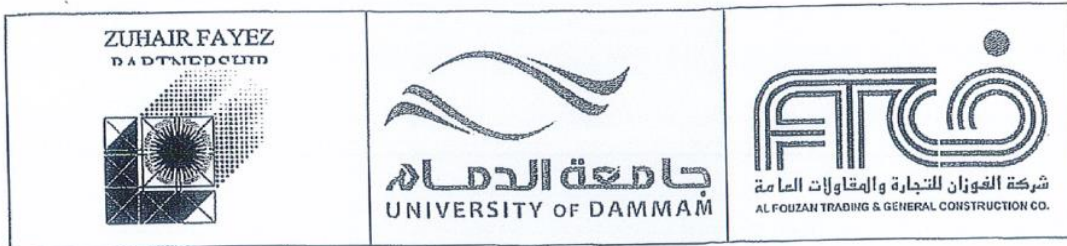
Total Items: **6**

**TO:**  
  
 Date: \_\_\_\_\_  
  
**Mr. Magsood Ahmed**  
 Project Manager  
 Mesmack Construction & Development Co. Ltd.

**FROM:**  
**Edreesm**  
 Digitally signed by Edreesm  
 DN: cn=Edreesm, o, ou,  
 email=Edreesm@Rcjuabil.gov.sa,  
 c=sa  
 Date: 2019.10.12 08:30:46 +03'00' Date: 12-Oct-19  
 SIGNATURE  
 CONSTRUCTION / PDMC DEPARTMENT  
 RCB LEVEL 1/Ras Al-Khair Office

**KINDLY SIGN AND RETURN THE ORIGINAL FORM TO THE ROYAL COMMISSION**

Processed By: **IDREES**



**SUBMITTAL FORM**

SUBJECT: TOILET COMPARTMENTS ( Technical Data)

Code: 2

Specs. Code & Ref.	B.O.Q. Code Ref.	Drawing No.	Submittal No.	FTCO-TD-DUHP-AR-063-REV - 6
10155	10155		Date Received:	<u>20 JUN 2013</u>
			Date Returned:	<u>8:55</u>

Sub-contractor  
 Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 Address: \_\_\_\_\_ Phone: \_\_\_\_\_ Telex: \_\_\_\_\_

<b>Manufacturer</b>	<b>Supplier/Agent</b>
Name: <u>FORMICA CORPORATION</u>	Name: <u>GYPTTECH</u>
Address: <u>10155 Reading Road, Cincinnati, OH, 45241</u>	Address: <u>P.O. Box 15542 Damman 31454, K.S.A.</u>
Phone: <u>+1 531 7863578</u>	Phone: <u>+966 3 8670077</u>
Fax: <u>+1 531 7863195</u> Telex: _____	Fax: <u>+966 3 8670099</u> Telex: _____

Information submitted and attached:

Certificates <input checked="" type="checkbox"/>	Operation & Maintenance Manual <input type="checkbox"/>
Technical Brochure <input checked="" type="checkbox"/>	Spare Parts List <input type="checkbox"/>
Manufacturer's Data & Specs. <input checked="" type="checkbox"/>	As Built Drawings <input type="checkbox"/>
Shop Drawings <input type="checkbox"/>	Warranty <input type="checkbox"/>
Samples <input type="checkbox"/>	Others (specify) <input type="checkbox"/>

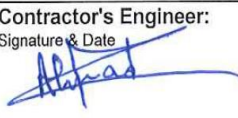

Contractor's Comments:

See Attachment

Note: This review does not relieve the contractor (Contractor)  
 of his responsibilities under the terms of the contract nor authorize additional compensation. Signature: [Signature]  
 Date: 26/06/2013

Consultant's Comments: The technical data is conditionally acceptable and approved as noted, see attached comments.  
 See Attachment

Status:	Discipline	Sign & Date	Resident Engineer
Approved 1 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Arch	<u>[Signature]</u> 18.07.2013	Sign: _____ Date: _____ <u>[Signature]</u>
Approved as noted 2 <input checked="" type="checkbox"/>	<input type="checkbox"/> Civil		
Revise and submit 3 <input type="checkbox"/>	<input type="checkbox"/> Mech		
Rejected 4 <input type="checkbox"/>	<input type="checkbox"/> Elect		
	<input type="checkbox"/> HVAC		
	<input type="checkbox"/> LS		

The Employer		PMC		The Engineer		The Contractor		
SIEMENS		mace		COSMOS E Engineers & Consultants		CPSC		
<b>Material Submittal (MS)</b>						Ref. No:	SDEH-CPSCC-ARC-MS-00015	
						Rev. No:	1	
Project Name:						SIEMENS – PS RELOCATION TO SDEH	Date:	18-Dec-2019
LOCATION:						Dammam 2nd Industrial City	JOB NO:	J-CPSC-234
TO: COSMOS/ MACE				FROM: CONSTRUCTION PROJECTS SPECIALISTS CONTRACTING CO. LTD.				
Urgency Level	<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low							
Originator of Submittal :	ARCHITECTURAL WORK					List of Enclosure		
Discipline :	ARCHITECTURAL WORK							
Specs/BOQ/Drg. Ref. :	<ul style="list-style-type: none"> <li>● SPECS - DU1313 SIEMENS Dammam Energy Hub PS Tooling Centre Phase 2 - Architectural &amp; Structural</li> <li>● BOQ - Bill No. 2 - Admin Bldg - DIVISION 09 - FINISHES</li> <li>● BOQ - Bill No. 3 - Prod Bldg - DIVISION 09 - FINISHES</li> <li>● DWG - DU1313 - IFC Drawings</li> </ul>					<input checked="" type="checkbox"/> Vendor's Technical Literature  <input type="checkbox"/> Compliance Statement		
Material Proposed :	HPL Toilet Partitions & Urinal Screens					<input type="checkbox"/> Test Result		
Manufacturer/ Supplier	GYPTECH					<input type="checkbox"/> Copy of Related Spec.		
Reason for Alternative	N/A					<input checked="" type="checkbox"/> Others(Product Catalog/ Sample)		
<b>Material Description</b>								
HPL Toilet Partitions & Urinal Screens (Location to be use: Toilet in AB/PB)								
SUPPLIER: GYPTECH								
Contractor's Engineer: Signature & Date				Received By Consultant: Signature & Date				
								
<b>Review Status</b>								
A. -----	APPROVED	B. -----	APPROVED AS NOTED	C. -----	NOT APPROVED/ REVISE & RESUBMIT			
<b>Engineer's Consultant Comments</b>								
Consultant's Engineer: Signature & Date				Received By Contractor: Signature & Date				
Engr. Ahmed Al Desouky								

AL YAMAMA COMPANY for Trading & Contracting  
P.O. Box: 2110 Dammam - 31461  
SAUDI ARABIA

Attn: Alshad Kama

Saudi Aramco

Date: February 15, 2010

REQUEST FOR TECHNICAL APPROVAL

<p>TO: A. M. AL MUHOOD PROJECT MANAGER SAP/1/PO E-205, BUILDING 7007 EAST PARK 2 SAUDI ARAMCO DHARAN, SAUDI ARABIA</p>		<p>CONTRACT NO: 660020062 B/L/O NO: BI-10-00206 PROJECT TITLE: NORTH PARK OFFICE COMPLEX LOCATION: NORTH PARK DHARAN</p>		<p>NO OF COPIES: 3</p>		<p>SUBMITTAL CODE</p> <p><input checked="" type="checkbox"/> ARCHITECTURAL <input type="checkbox"/> CIVIL <input type="checkbox"/> STRUCTURAL <input type="checkbox"/> MECHANICAL <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> OTHERS MANAGEMENT</p>	
<p>ATTN: ALI AL HAMDAN</p>		<p>REFERENCE SUBMITTAL NO. 010-016A</p>		<p>TO LINE ITEM 1 OF 1 DIVISION NO 10</p>		<p>SPECS. SECTION 10771</p>	
ITEM NO	DESCRIPTION	MANUFACTURER (S) VENDOR (S)	CATALOG / SPECIFICATION PARAGRAPH / DRAWING NO	COMMENTS (FOR SAUDI ARAMCO USE ONLY)			
1	SUBMITTAL FOR PLASTIC LAMINATED TOILET COMPARTMENTS OF SUPPORT SERVICES BUILDING	<p>MANUFACTURER: SAHED AL-HASHMIA TRADING &amp; CONTRACTING COMPANY LTD. VENDOR ID # 10025305</p> <p>SUPPLIER: SAHED AL-HASHMIA TRADING &amp; CONTRACTING COMPANY LTD. VENDOR ID # 10025305</p> <p>SCOM # 6000000494</p>	<p>PRODUCT DATA SHEET (Attached Drawings) VC-NPOC-A-646 SHI 001 Rev.00 VC-NPOC-A-646 SHI 001 Rev.00 VC-NPOC-A-650 SHI 001 Rev.00 VC-NPOC-A-650 SHI 001 Rev.00</p>	<p>material/manufacturer already as per attached form and sample Color accepted as sample Hardware must be provided &amp; approved manufacturer, install on per Project Specs. <i>Yahya</i></p>			
<p>Having checked this submittal, we certify that it conforms to the requirements of the Contract Documents in all respects, except as otherwise indicated in the letter of transmittal</p>		<p>SUBMITTED BY: <i>KHALID SAUFULLA</i></p> <p>Name &amp; signature of Contractor's Rep. <i>KHALID SAUFULLA</i></p> <p>Date</p>		<p>APPROVED BY: <i>Ali Al-Hamdan</i></p> <p>Date: 16.2.2010</p> <p>Name &amp; signature of Saudi Aramco Representative <i>Ali Al-Hamdan</i></p> <p>Date</p>		<p><input type="checkbox"/> NO OBJECTION <input checked="" type="checkbox"/> NO OBJECTION AS NOTED <input type="checkbox"/> CORRECT &amp; RESUBMIT</p>	



