



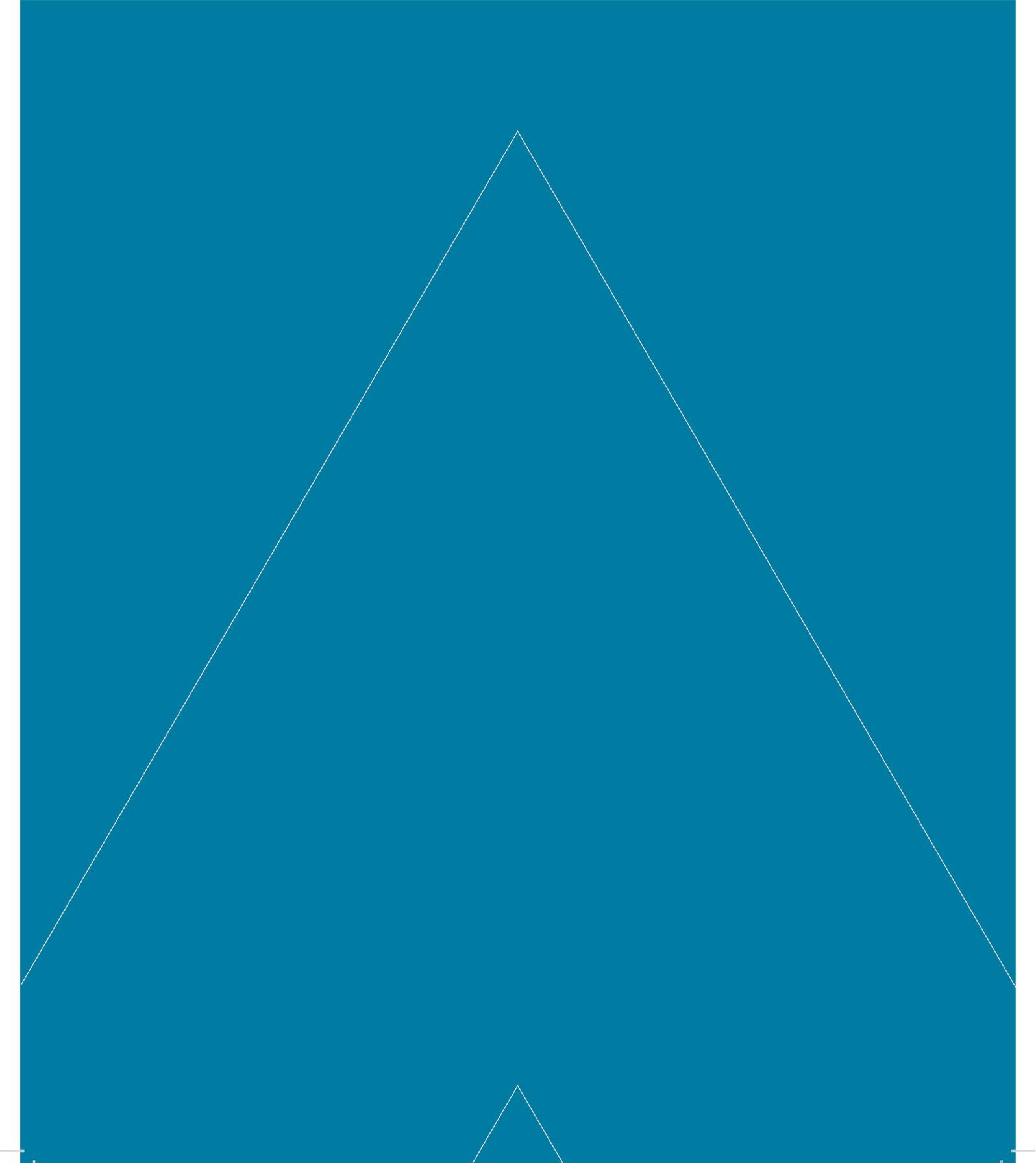
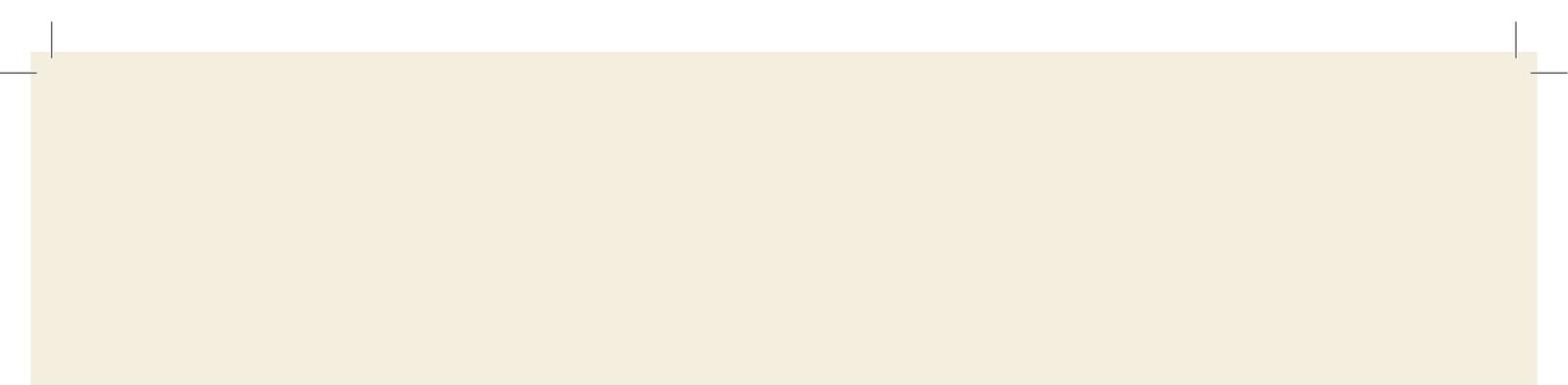
دوموپان
DOMOPAN

DOMO BLOCK-G

www.domoqatar.com

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GROWTH. VISION. DEVELOPMENT.

For the past several years, these buzzwords have been resonating in the markets of Qatar, and rightfully so. With double-digit growth expected into the foreseeable future, and a vision that sees Qatar prepare itself in less than two decades to face the challenges of the future, the prospects of this country look bright.

Domopan has proudly played a big role in the development of Qatar. In the first three years since the launch of our company, our turnover grew an incredible 20-fold. As of the beginning of 2012, we have successfully supplied over a million square meters of Domo Gypsum – an incredible amount, considering that we have only been involved in the market for less than five years.

To compliment our manufacturing capacity as a major supplier to the entire market, Domopan has its own fit-out / installation Division. Our fit-out references include such Qatari icons as the Museum of Modern Arab Art, the Ras Gas headquarters, Souk Waqif Hotel, and the PortoArabia complex at the Pearl, amongst others.

SUCCESS.

Another word that characterizes Domopan today. Two factors have contributed to our success. First, innovation, as it is our innovative approach to our sector that distinguishes us. We were one of the first companies in Qatar to promote the concept of 'green construction', ensuring that every aspect of our work was sustainable and environmentally friendly, as a result, we are members of organizations that set green standards in Qatar.

Secondly, and most importantly, we owe our success to the talented family that works with us at Domopan. Their professionalism, expertise, and adherence to our values, is what made Domopan the success story that it is today. Our family comes from across the world, a testament to the fact that our values and professionalism have global appeal.

At Domopan, we are proud of our accomplishments, and are even more proud of the role we play, and continue to play, in building this great nation. Join us as we continue to strive and define development.



Domo Block-G

Domo Block-G boards are versatile, fire-resistant, and corrosive free. With Qatar's unique environment presenting its own challenges to designers and engineers, Domo Block-G provides the solution. Locally manufactured and internationally-certified, our blocks are specifically designed to meet the climatic and construction demands that are faced in Qatar and the region.



OUR VISION

Our vision is to be nothing short of the best. We envision ourselves to be the undisputed leader and partner in providing products projects to both public and private sector clients.

OUR MISSION

We aim to provide innovative and cutting-edge materials to address the unique demands of Qatar's environment, construction climate, and client preferences, executed to the highest levels of professionalism to secure client loyalty.

OUR VALUES

Our values are the foundation upon which we build ourselves and our projects. Every member of the Domopan family holds these values to heart in delivering unsurpassed quality and dedication to their tasks at hand.

QUALITY

We deliver quality that exceeds internationally-recognized standards. As testament to our commitment, we have been awarded with the ISO 9001:2008 for quality.

ETHICS

We are uncompromising with our professionalism, integrity, and honesty.

EXCELLENCE

Excellence goes beyond quality. Excellence represents every aspect of every activity we do, from office operations to onsite construction methods. We thrive on the challenge of consistently delivering excellence.

SAFETY

We strive for a zero-accident work environment. We stand by this commitment firmly, and as such, have been awarded OHSAS 18001:2007 for safety.

SUSTAINABILITY

With an ISO 14001:2004 certificate in hand, our actions minimize the impact on our immediate environment. As a further sign of our commitment to sustainability, we are currently affiliated members of GORD and associate members of QGBC.

PARTITIONS



The Domopan variety of partition system is due to a keen understanding of regional requirements. Testing and supporting warranted systems that satisfy our region's unique climatic building needs.

Quickly and simply constructed from high quality Domopan components, our partitions are guaranteed to perform. You can specify Domopan partitions safe in knowledge that these components have been comprehensively tested together to ensure performance, and that our support extends from concept to site.

DOMO BLOCK-G KEY FEATURES

Certified

Domo Block-G meets international and local standards for gypsum blocks and are certified ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007

Environmentally friendly

Because Domo Block-G is a 100% natural, the environmental benefits are enormous. In addition, and if the client wishes so, our Domo Block-G can be made of recycled material.

Bacteria-free

The very nature of the Domo Block-G does not allow bacteria to cling to the material and form colonies. This makes Domo Block-G ideal for environments where sterility is of the most importance, such as clinics, hospitals, nurseries, schools, and so forth.

Humidity regulator

Domo block-G has the unique ability to absorb excess moisture in the air, and then returning that very same moisture to the surrounding environment when humidity levels drop. This makes it ideal for humid climates such as Qatar and the GCC.

Fire resistant

Domo Block-G is highly fire resistant, exceeding European standards for flame-retardation. The blocks are therefore ideal for situations where safety is paramount. In addition, with Qatar and the GCC focusing on more stringent fire safety regulations, Domo Block-G already exceeds the requirements set forth by the new guidelines.

Insulating

Due to Domo Block-G's thickness, and gypsum's natural porosity which traps air, Domo Block-G blocks are efficient insulators, lowering air conditioning and heating costs for the end-users.

Sound Protection

The thickness and density of Domo Block-G makes the material an ideal acoustic insulator. Depending on the clients' requirements, the panels may be thickened to even further absorb sound.

Tough and durable

Domo Block-G is highly robust, and is highly resistant to impact forces. In addition, nails, screws, and other fixtures can be installed at nearly any point on the panels thanks to the natural strength of Domo Block-G.

Practical

We have designed the blocks with the construction process in mind; Domo Block-G can be installed in the most challenging environments, where even space is limited.

Flexible Panel Sizing

The Domo Block-G can be cut down to the required size, simply using a normal utility knife. The standard size supplied is 1000mm X 600mm X 25mm.

Easy to assemble

All of Domo Block-G's accessories are designed so that your project can be done quickly and hassle-free. Wall mounting is done efficiently and cleanly ensuring that the project is completed in a relatively quick period of time.

Hassle-free joints

Simply remove the excess adhesive from the joints without any additional tools and they are all ready to use.

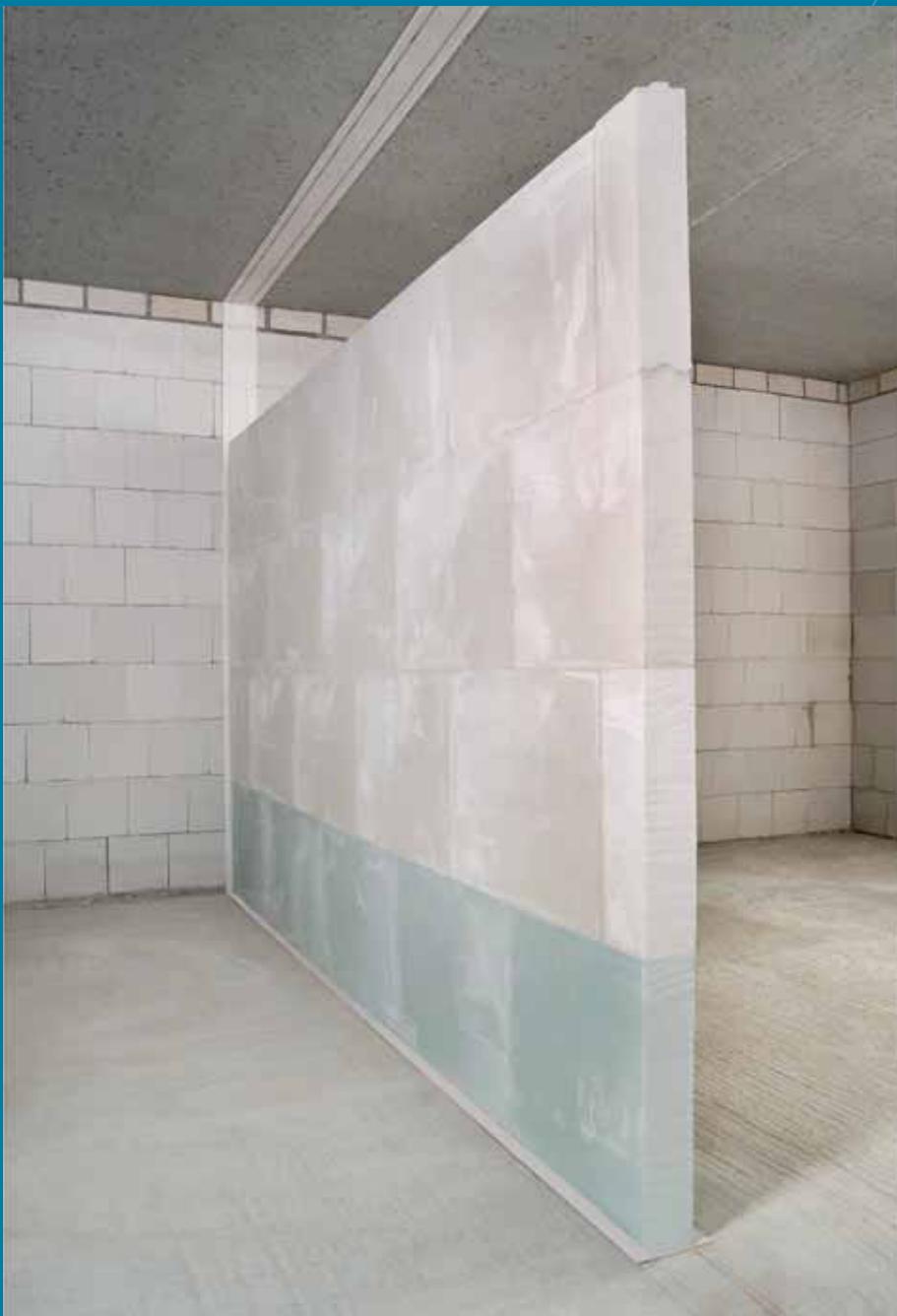


THE DOMO BLOCK-G

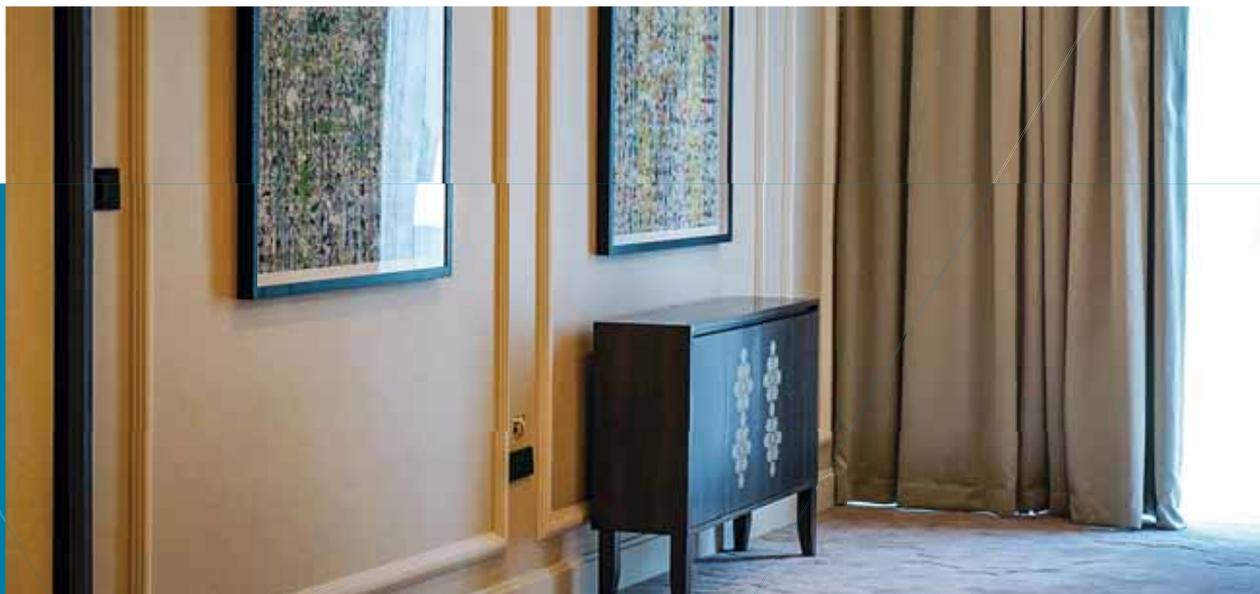
**VERSATILE. DURABLE.
BEAUTIFUL.**

Domo Block-G, crafted from gypsum plaster is versatile, fire-resistant and durable. They can be used to erect interior walls that are aesthetically appealing and afford a calm climate. Designed to meet the ever-changing climatic requirements

of Qatar and the region. Domo Block-G is of high-quality, less cost and easily constructible, beside being ISO certified and environmental friendly. They are manufactured in Qatar and Domopan is the sole company selling them in the region.



ADVANTAGES OF THE GYPSUM BLOCKS



Due to the lesser time consumed to erect Domo Block-G, it is a highly economical choice.



Slimmer partition wall results in a better use of area and space.



In case no user is available, late determination of division of space is possible during the construction process.



Ready and finished surface interior walls without plaster ensures a shorter construction time and less costs.



Clean cut and perfect surface optic of the wall through smoothness and high dimensional accuracy.



Board is easily dismantled with change of usage without affecting the remaining building substrate.

FEATURES OF THE BLOCK

 The blocks are 70% lighter than ordinary cement blocks and hence, weigh less.

 Blocks are put together without expensive sub-structure and are bonded using gypsum-based adhesive.

 Domo Block-G enhances the quality of life by keeping ambient sounds and noise pollution out. These blocks are an essential part of a complete sound insulation system.

 It regulates effectively the living climate within the room and helps reduce the dryness.

 It is made from noncombustible material Class A, therefore help act as a fire safety measure in the environment.

 They form very stable partition walls through the tongue and groove profile elements to ensure strong assembly.

 Domo Block-G is designed to offer optimum thermal conductivity. Owing to the micro pore composition which helps reduce the costs of thermal insulation and A/C power consumption.



INSTALLATIONS



SURFACE AND WALL FINISH

Blocks can be set into each other with complete precision using groove and tongue. Get a smooth and picture perfect finish when you erect the walls.

The surfaces don't require plaster as the blocks are filled / smoothed out completely only in the portions with high optical demands. Once the walls are completely dry they are ready for use.



COATING USING PAINTS OR WALLPAPER

Walls are to be primed before being coated with paint or covered with wallpaper, in order to achieve an even absorbency of the wall surface. All normal dispersion latex, oil and enamel paint can be used as coating.



SURFACE COVERING USING TILES

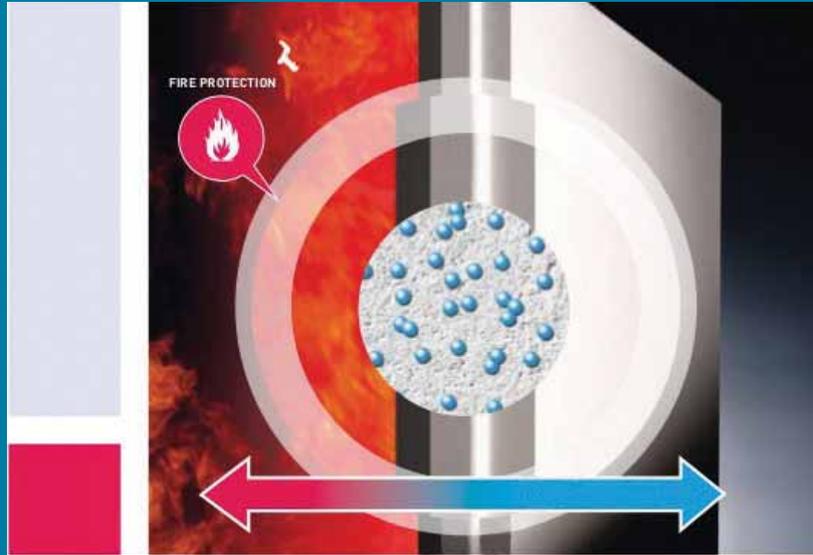
Walls with front facing tiles or natural stones do not require to be filled or smoothed, including the area of joints, you need only give a clean finish to the remaining tile adhesive.



DOOR OPENINGS

Depending on their size and position, special reinforcing is necessary. For opening over 1m width pre-galvanized steel lintel (material thickness 2mm) has proved effective as lintel reinforcement. Bond into the wall up to 50cm on both sides of the opening.

DOMO BLOCK-G SPECIFICATIONS



FIRE-RESISTANT STRUCTURE

Gypsum is not only a mineral, but also a non-combustible building material (Building material Class A1 in accordance with DIN 4102). Gypsum decreases the thermal load in the building, with its special crystal structure, it protects against the spread of fire and proves to be highly-effective fire protection.

Gypsum as a fire-resistant material itself lasts for up to more than 2 hours.

In addition, it forms a protective vapour veil. The surface temperature on the side away from the fire increases only slightly. The fire protection effect is most pronounced on the thicker layer of the solid.

Partition walls with fire protection requirements:

For interior partition walls, certain fire protection requirements can be laid down in the respective [German] Federal State Building Ordinances [LBO], especially if they border corridors and stairwells.

Partition walls and facings made up from gypsum blocks are, classified in accordance with DIN 4102-4. The values given are achieved without plaster layers. Electrical installations such as switches or sockets can be installed in the wall without limiting the fire protection; however, they may not be directly opposite to each other on both sides of the wall.

COMPARISON TABLE

Description	DOMO BLOCK-G	HOLLOW CONCRETE BLOCK	SOLID CONCRETE BLOCK	DOMO BLOCK-G	HOLLOW CONCRETE BLOCK	SOLID CONCRETE BLOCK
SIZE (mm)	150	150	150	200	200	200
THICKNESS (m)	0.150	0.150	0.150	0.2	0.2	0.2
LENGTH (m)	0.62	0.4	0.4	0.62	0.4	0.4
WIDTH (m)	0.4	0.2	0.2	0.4	0.2	0.2
WEIGHT (KG/PC)	20	18	26	30	20	36
WEIGHT (KG/m ³)	403	1125	1625	605	1250	2250
WEIGHT (KG/m ²)	81	225	325	121	250	450



DOMOBLOCK SPECIFICATION ACCORDING TO BRITISH STANDARD NO: EN 12859:2011				
TYPE	REGULAR		MOISTURE RESISTANCE	
				
Model No	DBR- 150	DBR- 200	DBMR- 150	DBMR- 200
Dimension (mm) (L x W x H)	620 x 400 x 150	620 x 400 x 200	620 x 400 x 150	620 x 400 x 200
Weight (Kg)	20	30	20	30
Density (Kg/m ³)	600	620	600	620
Blocks per sqm (pcs)	4	4	4	4
Minimum Value of Breaking Load (KN)	1.7	1.7	1.7	1.7
Surface Appearance	Smooth (Plastering not required)	Smooth (Plastering not required)	Smooth (Plastering not required)	Smooth (Plastering not required)
Physical Appearance	Tongue and Groove Profiles	Tongue and Groove Profiles	Tongue and Groove Profiles	Tongue and Groove Profiles
Thermal Conductivity (m ² k/w)	0.18	0.18	0.18	0.18
React to fire	Non-combustible Material	Non-combustible Material	Non-combustible Material	Non-combustible Material
Fire Rating (Hrs)	2.0	2.0	2.0	2.0
Acoustic Insulation (dB)	50	55	50	55
Water Absorption	-	-	5%	5%

METHOD OF INSTALLATION



ADHESIVE COMPOUND PREPARATION:

Add adhesive compound into 3 – 4 liters of water and mix until you get a homogenous mixture. The mixture should be good for use within 60 minutes.



SINGLE LEAF WALL:

Begin chipping the adjacent column to ensure a strong connection between the gypsum walls and column.



Apply the adhesive compound bed on the face of gypsum block and work face-fit.



Put the block with tongue upwards to get a stronger wall, then complete the first row the same way.



Correct the position of your block using a rubber hammer and level it.



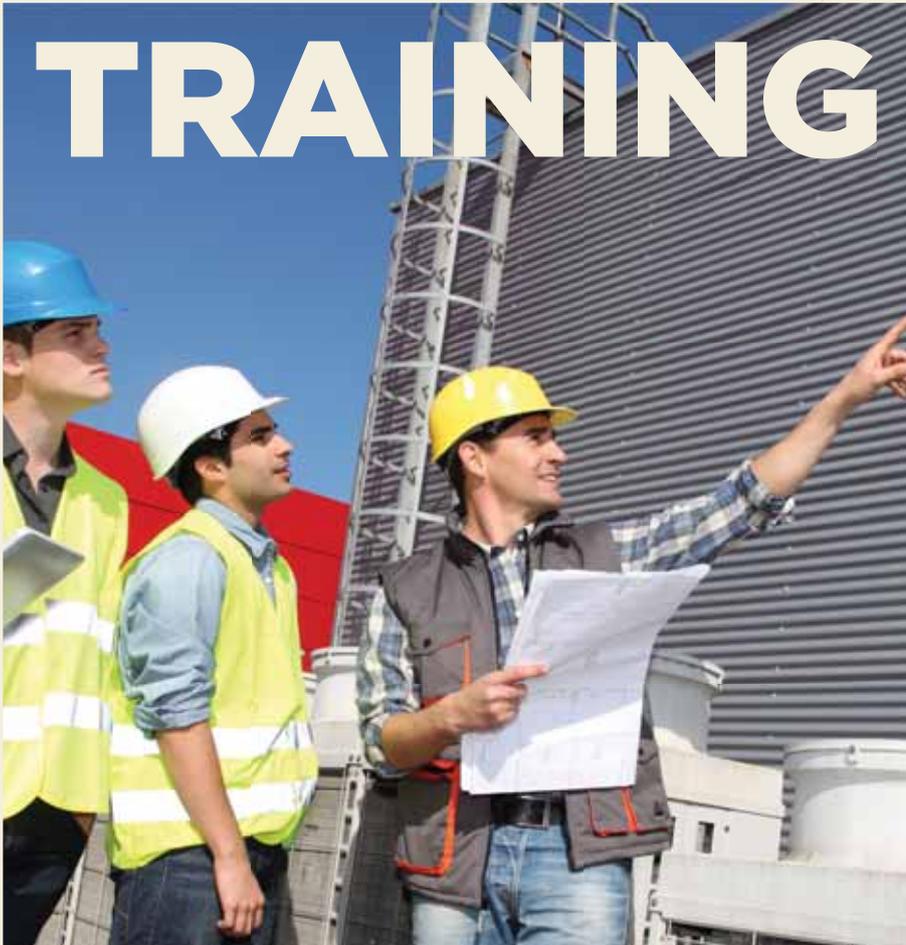
Start the second row with 30 cm pieces to ensure the holes match. In case of hollow blocks, this results in easy piping and wiring installation through the connected cavities.



It is recommended that the last row of gypsum blocks be placed 1 – 2 cm (as per project requirement) below the ceiling. Fill all gaps completely with fire sealant and then cover it with adhesive compound for maximum insulation.



TRAINING



Workshops and Training

Although DomoGypsum boards are highly versatile and relatively simple to install, we offer bespoke trainings and workshops for your technicians should the need arise. We are more than happy to accommodate any requests that you may have, like holding the sessions on your premises.

The workshops are lead by the very same people that install DomoGypsum on-sites throughout the country, so you can be rest assured that your technicians are receiving their training from only the best.

Give us a call today to learn more.

ENVIRONMENT



Minimization and recycling

ENVIRONMENT

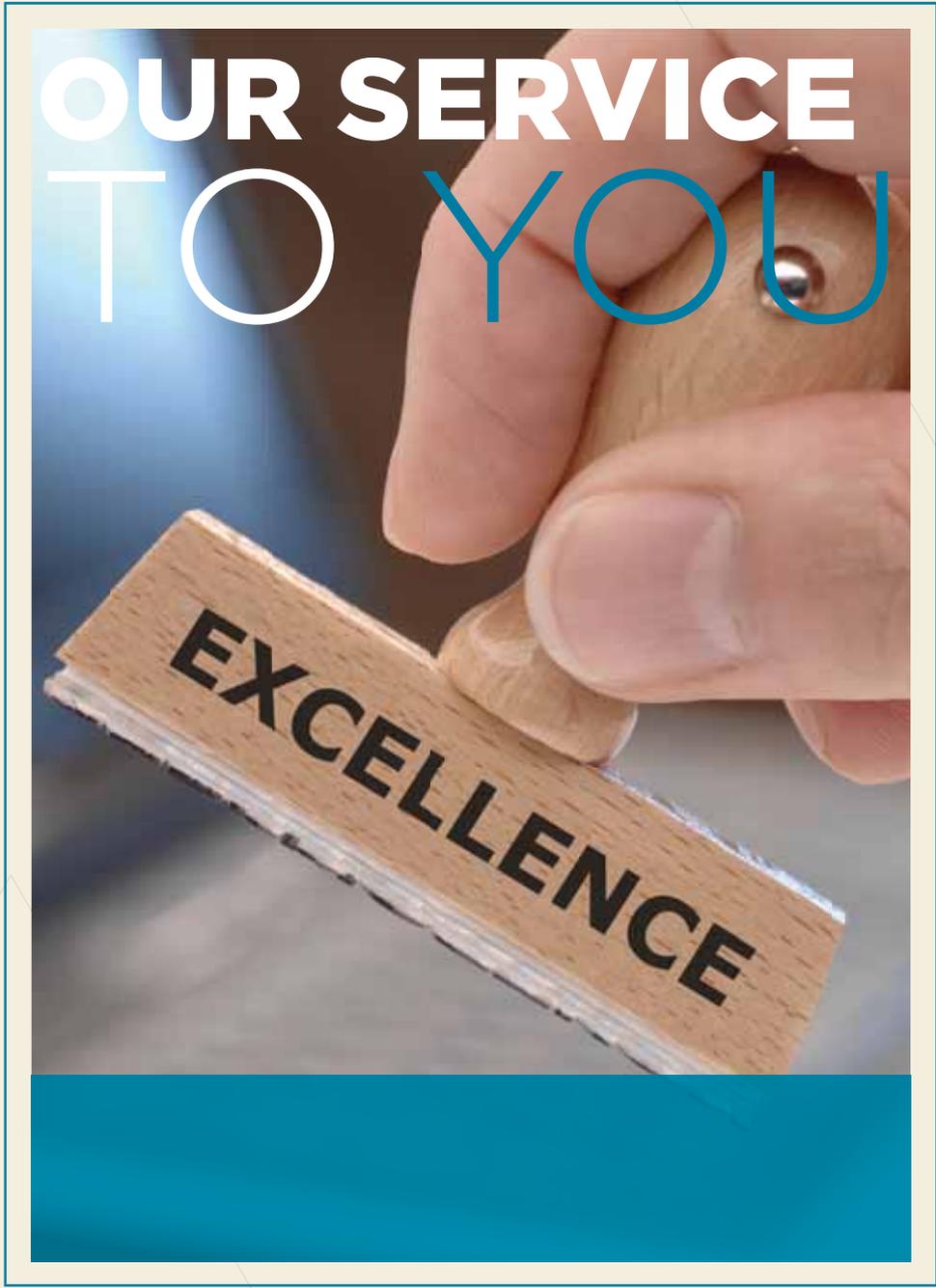
With Qatar and the region focusing more and more on sustainability like never before in the past, the importance of environmentally-friendly materials has been brought to the forefront.

The factory

Environmental responsibility has been important to us since day one. In fact, our factory was originally designed to meet all environmental and sustainability standards. As a result, we hold an ISO 14001:2004 certificate, testament to the fact that our actions minimize the impact on our immediate environment. We also went a step further and are currently affiliated members of GORD and associate members of QGBC – another sign of our commitment to green.

The product

Not only is Domo Block-G built to the highest of standards, but it also meets stringent environmental regulations. Upon client request, our blocks can be made of 100% of recyclable gypsum. In addition, we leave nothing to waste as older blocks are also recycled into our manufacturing flow. Once the product leaves our factory and is installed in buildings and homes, it also adds to the environmental efficiency of the structures themselves by providing insulation from the searing desert heat – resulting in less air conditioning usage and consequently, lower CO2 emissions.



QUALITY

As quality is an integral part of our values that we proudly adhere to, that very same value goes towards our Domo Block-G boards. The blocks are certified ISO 9001:2008, ISO 14001:2004, and OHSAS 18001:2007. Not only does this ensure the quality of our products, but leaves you with a peace of mind knowing that our blocks meet and exceed the most stringent of standards.

PERFORMANCE

Domo Block-G easily meets your requirements, no matter the size of the job. It is highly resistant to fire, acoustically and thermally insulates, and importantly, the blocks' microporosity, can regulate environmental humidity – absorbing and releasing it to keep the moisture levels optimum. This mere fact guarantees high-performance and long lasting-life. In addition, Domo Block-G is easily integrated in existing structures, and is so versatile it can be installed in already occupied rooms. Performance and convenience go hand-in-hand with Domo Block-G.

TIME

Because time costs money and is of the essence, we have designed Domo Block-G with time-efficiency in mind. All accessories are quick to prepare and install, and the blocks can be cut down to the required size quickly with a utility knife. In addition, we can produce sizes and specifications to cater to your specific requirements right at our factory, saving you time at the site itself.

ISO Certificates



Associate Members



Affiliate Members





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