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Attard Bros
CONSTRUCTION MATERIALS



Not Only Buildings are built

Since 1977, we have been making our mark and developed long lasting relationships with our business partners based on mutual respect and trust.

This strong network has enabled us to grow and achieve so much in a relatively short period of time. Our philosophy has always been to consistently promote quality, in what we do and also the way we do it. It has earned us the reputation we enjoy today.

Our major strength lies in our people. It is they who, on a day-to-day basis, uphold our customer focus and quality standards.

We look forward to the future with optimism and we intend to continue investing in the latest technology and to constantly innovate so as to offer superior solutions and greater value to our customers.

Building a better tomorrow for our customers, employees, communities, shareholders and the planet is guiding our production and service practices throughout.



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CONSTRUCTION MATERIALS

Family-owned company, Attard Bros Group offers a flexible and comprehensive solution to address the needs of professionals and consumers for their construction projects.

From manufacturing of construction materials to distribution of an extensive range of quality tools, equipment and material for professionals, home owners and DIY enthusiasts, including contracting services, real-estate developments and joinery, we have built our reputation on our expertise and an absolute commitment to quality.

Attard Bros Construction Materials is the seamless progression of this experience into the future, to effectively offer our expertise to all players in the construction industry by providing a selection of proven quality, innovative, sustainable products, innovation, sustainability and our reliable technical sales support —

This catalogue has been updated to 10 May 2024.

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This catalogue as well as other resources that can be downloaded can be reached with this qrcode.



**Attard Bros Group
Batching Plant 2 in Ta'Qali**
With a production capacity of 150
Cubic meters per hour, there is no
project we cannot support.



ATTARD BROS MANUFACTURING

We at Attard Bros Construction Materials are committed to providing the construction market with a unique portfolio of building materials and solutions, developed through our experience and market knowledge with a focus on quality, traceability and sustainability.

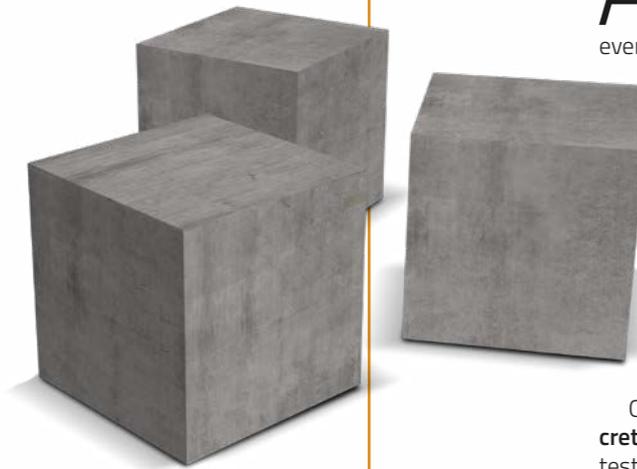
As environmental awareness grows, more and more people are turning to sustainable building materials for their construction projects. The sustainable building materials we are introducing to the market are environmentally responsible and resource-efficient, designed to reduce the impact on the environment throughout the entire life cycle, and produced using renewable energy

Chapter



Great structural performance for your projects even with lightweight formulation and a reduced environmental impact.

Concrete Ready Mixes



At Attard Bros, we are committed to supply the construction market with a unique portfolio of evermore sustainable building materials and solutions, developed with our unique experience market knowledge and commitment to quality. In recent years, following the needs of an ever-expanding market toward construction solutions with improved sustainability, we have consolidated our market leadership by introducing specific products such as lightweight concrete and green concrete.

Our various types of **lightweight concrete** are mixes based on our proven and tested formulations, whereby a variable portion of the natural aggregate is replaced by expanded clay aggregates from sustainable sources hence reduc-

ing the mass density. In structures where self-weight is the predominant component of operating loads (long-span bridges, roof structures, large precast panels, slabs with large spans, etc.) the use of structural lightweight concrete allows for leaner structures with smaller cross sections and thus smaller amounts of concrete and reinforcement. The result is a more economical and aesthetically pleasing building. The advantages are not only structural. The use of expanded materials contributes to a more sustainable construction by reducing the quantity of raw materials obtained from quarries.

With a vision of a more sustainable future, we have taken on the challenge of producing and launching the **first and only green concrete solution on the Maltese market** – a line of cementitious products

that can tangibly reduce the carbon footprint in the building industry. Green concrete is our answer to the changes in a rapidly expanding market, requiring sustainable construction with a low impact on the environment. Our green concrete is an innovative mix that uses cement of CEM III grade and achieves a 29% reduction in CO2 emissions in comparison with standard concrete mixes (CEM I). It is an initiative which yields results in CO2 reduction equal to the annual absorption of 253 trees for every 10 cubic meters of concrete. It can be used in any kind of construction, from buildings to infrastructure and residential projects and is handled in the same way as traditional concrete.

For the renovation project of the HSBC Building in Qormi, we used 700m³ of green concrete which has resulted in a reduction of CO2 emissions by 29%.



CONCRETE PRODUCTION

With our 2 batching plants and 7 silos, we are able to offer a wide variety of concrete products (both wet and dry) with any grades required. With an annual production capacity of well over 150,000 cubic meters of concrete, this is undoubtedly one of our flagship products. We are also leader in the field of high-performance concrete, with long experience and a wide range of successfully realised projects over the past 45 years. Our concrete meets the highest demands for quality, strength and durability, thanks to our experience, testing procedures and commitment to quality. Through our fully trained team of concrete experts, we can provide technical consultancy for special formulation, and with, in stock, concrete additives of all types: retarders, super plasticizers, accelerants.

We are also able the supply in short time large volumes, providing full service our unique and exclusive service of tracking via smartphone app. We can also rely on our fleet of concrete mixers for deliveries throughout the island.



Contribute toward earning points needed for LEED certification



SM EN 206:2013+A1:2021



Quality architecture starts with quality materials. Since 1977 we have been producing building materials that meet and exceed market standards.

Find more information on:



Flagship of our production, concrete blocks are now also available as structural-lightweight and produced with recycled aggregates.

Concrete Blocks



Contribute toward earning points needed for LEED certification



SM EN 771-3:2011+A1:2015

A new model of sustainable building goes through the use of sustainable materials, reduction of quarrying, use of locally produced energy, traceability of the supply chain.

The production of concrete blocks for building and hard landscaping has always been one of our company's flagship products since 1977. Actually, with a production of over 6 million blocks per year, our normal density blocks after decades still represent a benchmark in the market in terms of reliability.

Quality and consistency of the production in terms of performance, shape and dimensions are guaranteed using the most recent machinery made in Germany, which allows to maintain highest standards all along the process.

As all our production, blocks also have to pass our rigorous laboratory tests. Thanks to our in-house laboratory, indeed, **blocks are tested** during the various production and curing stages according to **ISO standards** to ensure perfect compliance with the declared parameters. CE marking on our products

guarantees you the full traceability of the ingredients their performance and information about the supplier.

In order to meet the demand of the construction industry becoming increasingly conscious about sustainability, **as standard, up to 30% of aggregates present in our normal density blocks are recycled** as certified by our suppliers. But not only this, we can also offer normal density block **made with 100% recycled aggregates** always from certified sources. They are available in all standard sizes and are available as both structural and non-structural.

Recently, we have also developed a specific line of **structural and non-structural lightweight blocks** which are perfectly equal in size to the normal density blocks but about 22% lighter and 3% stronger, also resulting in improved energy performance for the building.



BLOCKS PRODUCTION

With two lines of production, the plant produces an average of 25,000 bricks per day and boasts offering the widest variety of concrete blocks in Malta. These include, load bearing and non-load bearing hollow concrete masonry blocks, blocks for wall partitions, structural lightweight blocks, insulated blocks, coping stones, roofing blocks, kerb stones and interlocking concrete paving blocks.

Thanks to our large facility and strong production regime, we maintain a level of stock ensuring our product is available any time you need it. We also ensure fast loading time and delivery anywhere in Malta

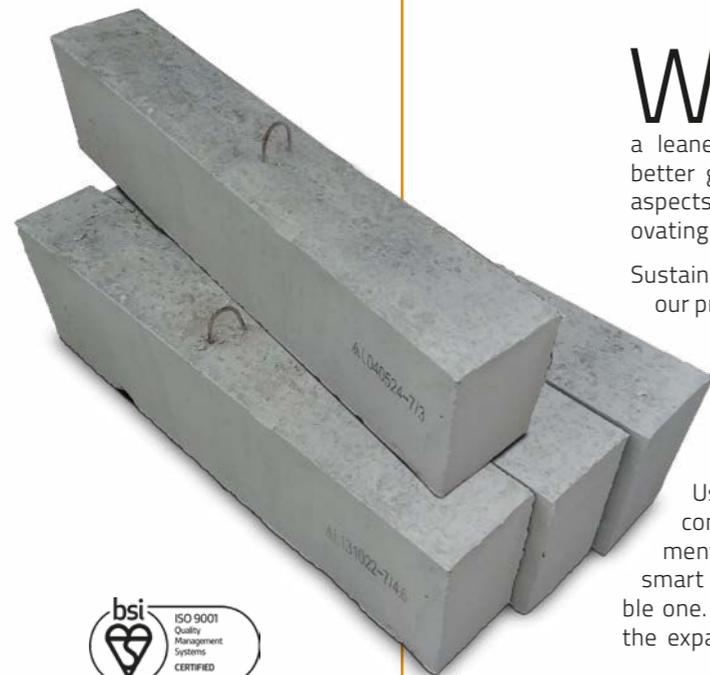
Mosta, private house:
Utilizing our "100% recycled" blocks establishes an ideal connection between the conservation of existing building and the preservation of land.

Find more information on:



Expertise and a level of service allow us to meet your most demanding needs, even in reducing CO2 emissions in your building process.

Concrete Precast



SM EN 845-2:2013+A1:2016

With precast elements lightweight is key. Using lighter precast elements allows for a leaner construction resulting in a better gross to net area ratio. These aspects are most important when renovating or extending existing buildings.

Sustainability is another key benefit of our precast concrete. The production process incorporates recycled materials and/or expanded clay aggregates, which reduces waste and supports green building initiatives.

Using our lightweight and green concrete-based precast elements, you are not only using a smart material, but also a sustainable one. The entire production cycle of the expanded clay aggregates we use

Precast elements also contribute to enhanced durability and better controlled material use, making them a sustainable choice for modern construction practices.

is developed using the best available technologies, and has obtained the environmental product declaration (EPD) required for LEED and BREEAM certifications.

As an intrinsic part of our efforts towards a smarter and more sustainable way of doing construction, we have created a complete structural lightweight product line which includes all the basic components of construction most commonly found in our market like precast structural elements, lightweight predalles, elements and blocks for load bearing walls.

Our specific line of structural lightweight products meets the most popular dimensional standards, quality and certified strength to ISO and BSI standards, but with up to 25% less

weight. The expanded clay aggregates used for our lightweight products comply with the EN 13055-1: 2016 and have CE marking also with regards to consistency in technical performance according to NTC 2018.

Lightweight means more efficient transportation, less labor and less potential for accidents on the construction site, less inert mass and less energy used during production. Whether they are loaded with low-density inert particles or based on aerated mixtures, Attard Bros structural lightweight solutions also have better thermal and soundproofing performance.

Prefabricated elements used in the construction of the new Trelleborg building in Hal'Far managed by Attard Bros Group



PRECAST PRODUCTION

Attard Bros Group produces all kinds of precast elements, both standard and custom-designed parts, for all kinds of civil or industrial applications. We have ready availability of many of the most popular standard elements required by the market such as lintels, floor beams, and hollowcore slab elements, as well as large-size predalles.

The use of precast concrete elements in construction projects offers numerous advantages, significantly enhancing the building process.

Our precast elements are manufactured in a controlled environment following the highest quality standards, which ensures consistent quality and structural integrity. This method allows for tighter tolerances and better finishes, resulting in a superior end product. Moreover, precast concrete's robustness contributes to the longevity and durability of structures, effectively resisting environmental stressors and reducing maintenance needs. Guaranteed as always, our precast products are manufactured following the highest quality standards. All our items are tested in our in-house laboratory to ensure compliance with ISO and BSI standards and are stamped to guarantee traceability

Find more information on:



We process
4.5 million of KGs
steel per year
To give a strong core
to your projects

Custom Rebar Bending and Cutting

At Attard Bros, we are proud to offer a range of solutions that satisfy the highest standards and contribute towards achieving LEED certification through the adoption of traceable and sustainably sourced materials.

Steel traceability is a critical aspect of ensuring quality and safety in construction projects. It involves tracking the history, location, and application of each steel component throughout its lifecycle, from production to installation. This process is essential for verifying the steel's compliance with all the industry standards and specifications, as well as for maintaining accountability in case of structural failures.

This is why we have a comprehensive system in place,

that can trace the steel products back to their source, from initial production to final delivery.

Every step is carefully monitored and documented, ensuring that each product meets the highest standards of quality. By implementing a robust traceability systems, we can actively enhance your quality control measures, minimizing risks associated with material defects, and ensure that all steel used in your building projects is fit for purpose.

A fully-automated steel cutting and bending plant, equipped with computerised machines for the production of any reinforced steel element with strict tolerances, completes our package to provide an optimised service including full certification and traceability by heat numbers as standard.



Contribute toward earning points needed for LEED certification



We are your reliable partner as we are committed to providing certified and sustainable solutions in every area of construction.

Find more information on:



Massive steel reinforcement in a structural node at Regina Hotel construction site in Sliema managed by Attard Bros Group

REBAR PRODUCTION

Our steel department operates a fully automated steel cutting and bending facility equipped with state of the art computerised machines to manufacture beams and columns to high tolerances.

High-tech computerised cage welding equipment enable perfect stirrup distribution for beams and columns with an output capacity that is able to meet high project demands.

We know that custom rebar bending and cutting services are essential in the construction industry, where precision and adherence to specifications are crucial, that's why we apply every possible quality control to ensure that each piece of rebar is cut and bent according to the exact requirements of your project. Whether you need a standard pattern or a complex custom design, our team is equipped to handle orders of any size with unmatched accuracy and efficiency. By choosing our services, you ensure the structural integrity of your build, as well as compliance with all relevant building codes and regulations



Certified quality and continuous innovation, the elements of our success.



Our recently renovated and improved laboratory is equipped with all the necessary technologies for quality control according to ISO standards, and for the development of new products.

As a leading company we uphold ethical and quality values as a global vision and are committed to producing certified quality products. To us, the concept of quality comes through continuous training, networking, and research. The focus of quality control is not only the verification of regulatory or contractual standards, it includes a continuous optimization process, which is at its strongest when developing innovative materials.

All production processes are carried out according to strict quality standards, and products are thoroughly tested under the supervision of the Quality Assurance Department in our building materials testing laboratory. There has recently been a major economic investment to improve its infrastructure and equipment so as to

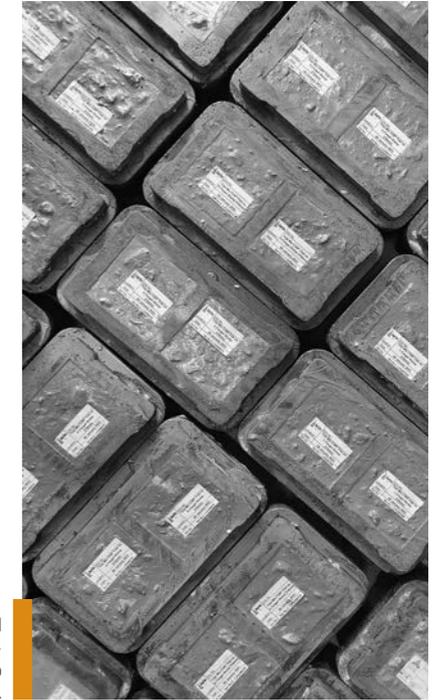
further increase its ability supporting us in the development of new products.

Our construction materials manufacturing arm is ISO 9001:2015 certified. This standard sets the criteria for a QMS and is based on a number of quality management principles which include a strong customer focus, leadership, employee engagement, a risk-based process approach, a systematic approach to management, factual decision-making, relationship management and continuous improvement.

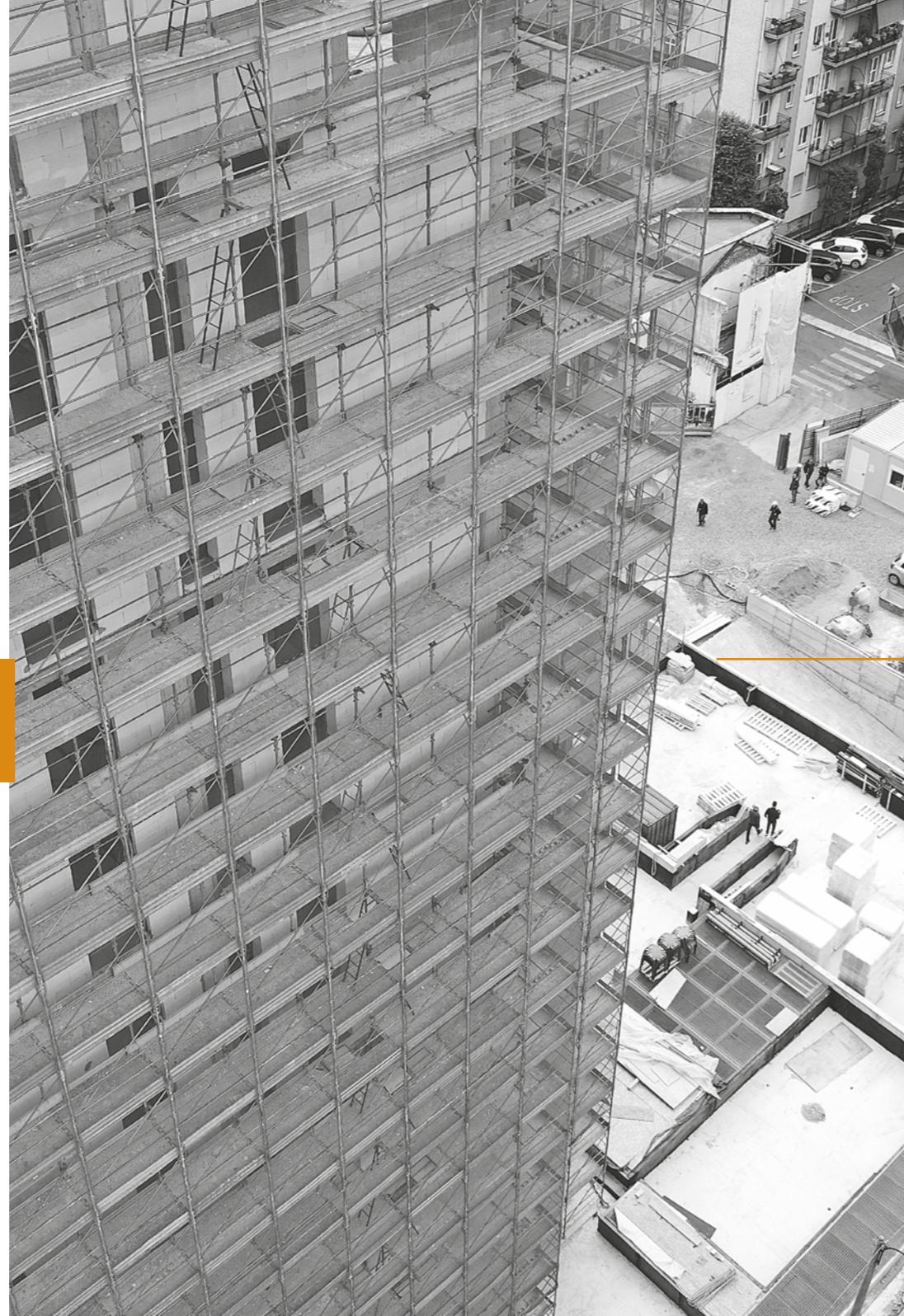
With an average of 3576 tests performed each year on our production, we can guarantee a very high level of quality control to meet and surpass market expectations.

QUALITY SYSTEM

Quality is never a coincidence, It is the result of sincere and organised effort to deliver the best



Citylife, Milan
Gasbeton lightweight
AAC blocks are
structural, providing
energy efficiency and
sustainability.



GASBETON SYSTEM

Gasbeton® System is the construction system developed by Bacchi and imported to Malta by Attard Bros Construction Materials that combines many advantages: modularity, insulation, structural strength, environmental friendliness and sustainability. Today's increasingly attentive market demands eco-friendly materials that help reduce energy consumption while simplifying the building process. GASBETON® is the right answer to this need

Chapter 2

AAC Gasbeton Blocks

Get the quality and performance your project deserves with Gasbeton System



Proposing eco-sustainable construction systems capable of reducing the energy consumption of buildings is the commitment that Attard Bros Construction Materials and Bacchi have assumed to provide a concrete response to the growing demand for quality and environmentally friendly construction.

Gasbeton is an autoclaved aerated concrete with excellent thermal insulation performance and reduced environmental impact. The production system for this material is the optimal response to the implementation of EU energy and environmental policies.

The environmental impact of this product is particularly low as the final product is composed of approximately 30% by volume of solid materials, while the re-

maining 70% consists of "porosity." The combination of these cells containing air gives Gasbeton exceptional thermal properties.

This means building structural elements that already have optimal thermal and acoustic insulation characteristics making the installation of additional insulation layers unnecessary. This is remarkably significant because this cuts building costs as well as construction time and greatly simplifies the recycling of buildings at the end of their life to the benefit of the environment for future generations as well.

Gasbeton is made from recyclable materials and therefore reduces quarrying, is fully recyclable at the end of its life, and comes with all necessary certifications to be eligible for green loans, is LEED and BREEM compliant.

With Gasbeton blocks, installation is faster than with traditional systems because although the elements are structural, they are easy to cut to sizes or to special shape without waste.



GASBETON SYSTEM

Gasbeton is a complete construction system based on AAC blocks, mortars and accessories made from autoclaved aerated concrete, which makes them suitable for building structural elements while maintaining excellent thermal insulation performance and reduced environmental impact. The variety of blocks with different thicknesses and special pieces available, such as lintels, disposable formwork for structural reinforcement, make this system an ideal solution for the construction of new buildings, but also for alterations to existing structures due to the reduced proper weight of the load-bearing elements



Find more information on:



Farsons Brewery
Large areas such as commercial spaces represent a challenge both in terms of execution and materials to be used.



FLOORING SOLUTIONS

Thanks to our extensive experience in the construction industry, we are able to select a range of products for our customers that precisely meet the needs of the local market.

We stock an extensive range of high-performance screeds and thin-layer levelling mortars to address any problem related to floor levelling, including products with consolidating function for extrados of new or existing floors even in combination with underfloor heating.

A wide range of waterproofing solutions is available to meet a multitude of applications, from swimming pools to normal waterproofing of roofs and terraces. We also offer high-tech products for the renewal and waterproofing of fissured concrete structures.

A selection of tile adhesives, also fibre-reinforced, is also available to meet the requirements for tiling laying, from residential to large commercial areas

Chapter 3

We stock a selection of bagged screeds designed for a wide range of floor coverings (bonded or unbonded) also compatible with underfloor heating, and floating /self levelling screed for thin layers.

Pre-Mixed Screeds



Screeds in bags: the advantage of the pre-mixed product, suitable for small construction sites or those with limited access

Find more information on:



From our proven experience in concrete, here are our screeds. Characterized by our focus on quality and attention to the customer's needs, they undergo the same quality-system and testing pattern as all our products. Available from C5 to grade C25 self-levelling and normal.

Attard Bros Ready Mix Screeds



Thanks to our production capacity and fleet of vehicles, we are able to provide large quantities directly delivered to your construction site.

Find more information on:



FLOORING SCREEDS and MORTARS

Concrete-based or lightweight screeds consist of placing over the load-bearing substrate, such as a slab or deck, a specific cement-based mortar, sometimes lightened, or a sequence of layers of different mortars with different functions (e.g. to compensate for height differences, to structurally cooperate or distribute the load over an insulating layer or again to repair a deterioration of the main structure) to achieve a defined level and an adequate subgrade surface, while minimising dead loads as much as possible. At Attard Bros Construction Materials, we stock and supply an excellent range of mortar and screed both from our own and third-party production, for use across a wide range of floor coverings, including levelling screed, wearing screed, bonded screed, unbonded screed and floating screed. We can also supply specifically formulated mix on request from our plant

A line of high quality products, particularly effective even for the treatment of large surfaces, which thanks to the 'complete package' approach (which includes from the primer to the coating, passing through all the intermediate elements) offer a 10-year guarantee on the executed waterproofing.

Membrapol



CE

- Easy installation
- Long lasting
- Walkable
- Suitable for repair works
- Environmentally friendly

Find more information on:



A line of technical waterproofing products characterized by high specificity of use such as high elasticity or thixotropicity, ideal for both restoration and treatment of new surfaces.

Hydrozol



CE

- Easy installation
- Long lasting
- Walkable
- Suitable for repair works
- Environmentally friendly

Find more information on:



Bituminous Membranes are widely used in construction to waterproof roofs, green roofs, terraces, basements, below-ground structures, bridges and other structures. Modern Distilled Polymer-bitumen membranes are made of a selective combination of polymers to achieve better properties, such as cold flexibility, heat resistance, viscosity and softness.

Bituminous Membranes



CE

- Easy installation
- Long lasting
- Walkable
- Suitable for repair works
- Environmentally friendly

Find more information on:



WATERPROOFING SOLUTIONS

The waterproofing field is now more diversified than ever ranging from traditional systems such as bituminous membranes, which are still used for waterproofing large areas, to specific technical solutions that very often meet the needs of contemporary architecture. A typical case is the waterproofing of fair-faced concrete structures which is particularly useful for ensuring the preservation of the functional and aesthetic characteristics of concrete elements exposed to the atmospheric agents e.g. terraces and patios. Other specific areas include waterproofing of surfaces subjected to high moisture pressure such as tiling in showers and other humid environments or the specific field of repairing deteriorated pre-existing waterproofing. We have selected appropriate technical solutions for each situation, and our qualified staff can guide you with technical advice on the subject.

Our range of tile adhesives covers all possible applications, from the simplest to the most difficult ones that require elasticity maintenance capabilities, waterproofing, and weather resistance. We have specific adhesives for outdoor tiling and for the installation of large tiles both horizontally and vertically.

Tiles Adhesives



CE



Find more information on:



Fassafill is a cement-based sealant used to grout joints with widths from 0 to 5 mm between any kind of tiles, including klinker and terracotta, marble, granite, agglomerate and glass mosaics, ceramic or marble. Also suitable for sealing in critical situations such as swimming pools when used mixed with apposite latex LATEX DR 843

Tiles Grout



CE

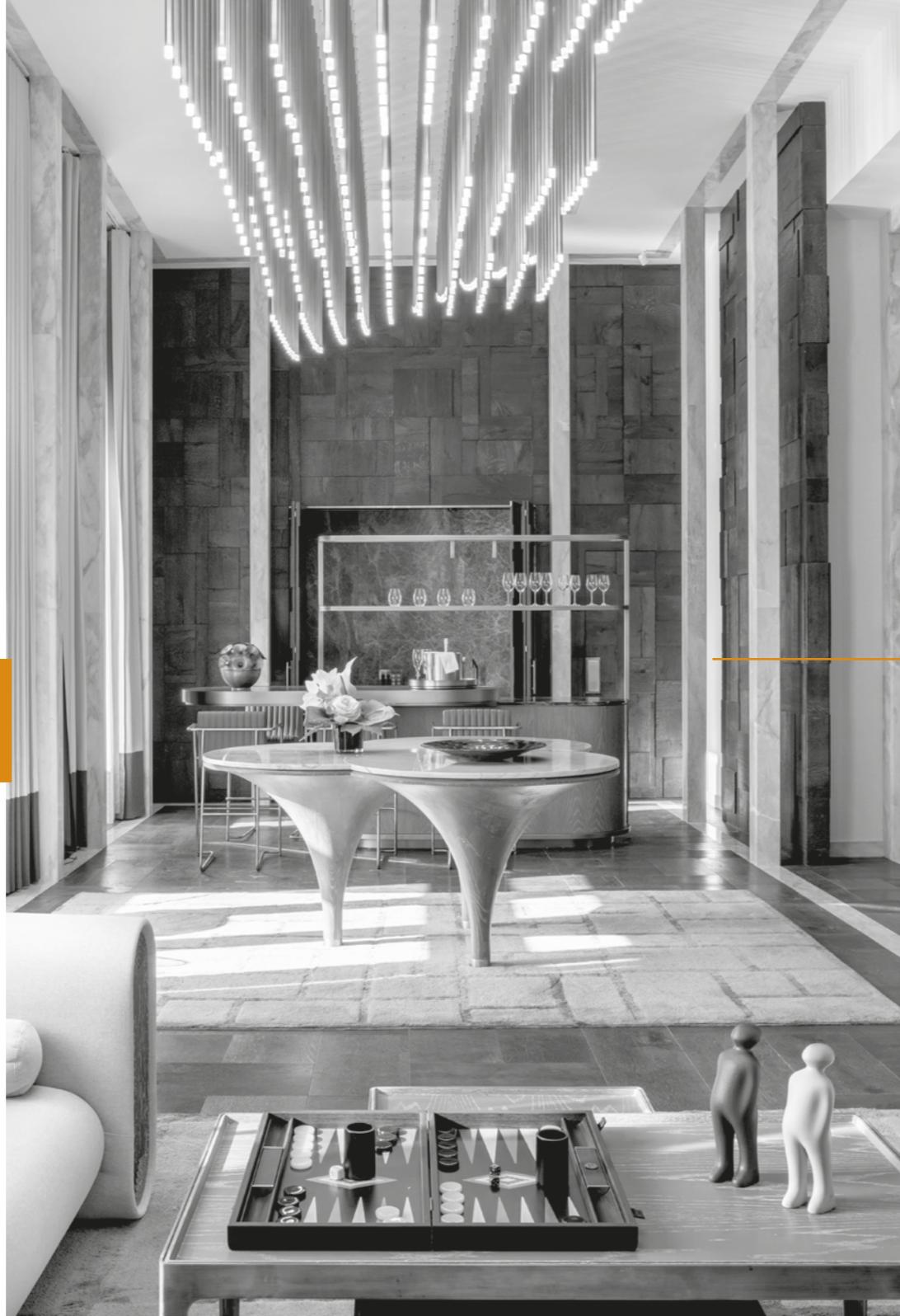
Find more information on:



TILES ADHESIVES

Our Professional Tile Adhesive Range has been sorted with the professional tiler very much in mind. Offering easy to use products with outstanding quality, the range includes all the different types of tile adhesive necessary for installing a large range of tile materials onto any suitable surface. These include tile adhesives for ceramic, porcelain, glass, travertine and marble tiles onto surfaces including concrete screed, plaster and timber. We also propose to a special range of products with special structural strength characteristics such as the fibre-reinforced ones or adhesives with high elastic capacity or intrinsically water-resistant

Iniala Harbour House, Valletta
Today's market demands is for an architecture that not only embodies excellence in terms of aesthetics and functionality, but is also designed with an eye toward economic efficiency and environmental sustainability



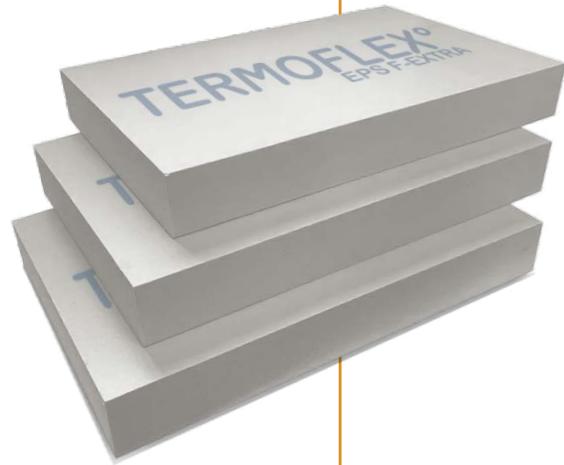
INSULATING MATERIALS

The importance of insulation in contemporary housing standard is crucial to ensure significant energy savings and to minimize the environmental impact of heating and cooling systems. Adequate insulation keeps indoor spaces at a comfortable temperature without temperature fluctuations between rooms, optimal humidity regulation, and improved healthiness of home environments, ensuring better enjoyment of indoor spaces

Chapter 4

Known to be a cost-effective product, EPS offers excellent insulation and a low diffusion resistance (μ) of 30-70, so it is more breathable. EPS is non-toxic, contains no CFCs or HCFCs. It does not support fungal or bacteriological growth, and can easily be recycled. BRE Environmental Profiles give EPS a score of 0.043 over a sixty year life span, far better than alternative materials.

EPS



Insulation	<input type="checkbox"/>
Breathability	<input type="checkbox"/>
Moisture proof	<input type="checkbox"/>
Compression strenght	<input type="checkbox"/>
Fire resistance	<input type="checkbox"/>

Find more information on:



Extremely resistant to moisture and with a high compressive strength, XPS is the perfect insulation material for inverted roofs and foundations. XPS is resistant to mould, lightweight and benefits from BREEAM A rating.

XPS



Insulation	<input type="checkbox"/>
Breathability	<input type="checkbox"/>
Moisture proof	<input type="checkbox"/>
Compression strenght	<input type="checkbox"/>
Fire resistance	<input type="checkbox"/>

Find more information on:



Due to their outstanding insulation capabilities, PIR-based insulating materials allow for a 25% to 70% thinner layer compared to other insulation materials. Wide range of different vapour permeability available. B Class resistance to fire.

PIR



Contribute toward earning points needed for LEED certification



Insulation	<input type="checkbox"/>
Breathability	<input type="checkbox"/>
Moisture proof	<input type="checkbox"/>
Compression strenght	<input type="checkbox"/>
Fire resistance	<input type="checkbox"/>

Find more information on:



RIGID BOARD INSULATION

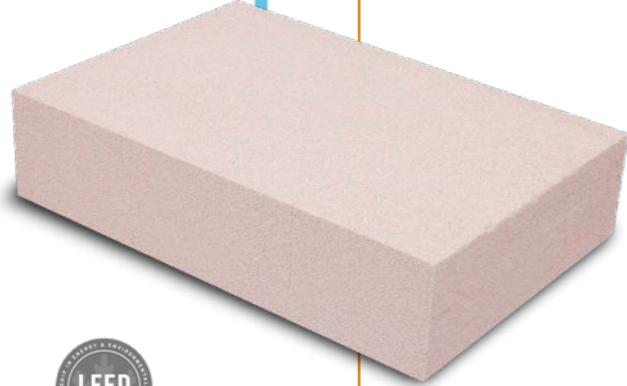
While the theme of insulating buildings to reduce the energy consumption needed for heating and cooling is an established concept, much more pressing is the need to address sustainable management of the production and end-of-life disposal of insulation materials.

This is why at Attard Bros Construction Materials we have started to carefully pick out a selection of Insulation materials that stand out on the international market for their performance and also for their long-lasting and sustainability during the entire life cycle

Calcium silicate insulation is the ideal solution for exterior or interior applications due to its special breathability, which makes it ideal for managing humidity in domestic spaces.
Flameproof material Euroclass A1

TermoKüp

termoküp



Insulation	██████████
Breathability	██████████
Moisture proof	██████████
Compression strenght	██████████
Fire resistance	██████████

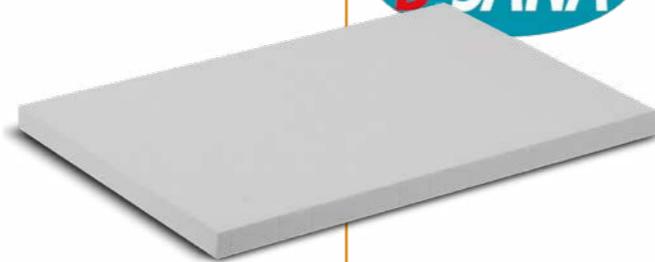
Find more information on:



B/SANA is the calcium silicate and cellulose fibre-based insulation panel for indoor applications that definitively solves mould issues on walls as it is able to increase the internal surface temperature of the wall and lower the relative humidity in rooms thanks to its insulating and hygroscopic performance.

B/Sana

B/SANA



Insulation	██████████
Breathability	██████████
Moisture proof	██████████
Compression strenght	██████████
Fire resistance	██████████

Find more information on:



Glapor is a plastic-free and eco-friendly insulation material, providing optimal insulating for climate neutral buildings fully recyclable at end-of-life. Due to glass natural properties Glapor is 100% damp-proof, fireproof and totally exempt from any decay of technical properties, to reliably safeguard the energy concept of your building for generations.

Cellular Glass

GLAPOR
SCHAUMGLASPRODUKTE
Rethink. Recycle. Rebuild.



Insulation	██████████
Breathability	██████████
Moisture proof	██████████
Compression strenght	██████████
Fire resistance	██████████

Find more information on:



INNOVATIVE INSULATION

We at Attard Bros Construction Materials continuously search the market for the best products in terms of technical quality and environmental sustainability.

Such as our calcium silicate insulation products, which combine an optimal level of insulation with a unique prerogative, exceptional breathability. A characteristic that makes them suitable for installation indoors or outdoors, particularly in the renovation of buildings with traditional wall structures.

Foam glass panels offer lifelong insulation properties for demanding, ecological construction methods. This material is not only a technically safe, but also a completely plastic-free and environmentally friendly insulation. Due to the natural properties of glass, cellular glass never become damp and is also totally non-combustible. There is no age-related change to its technical properties that means that your investment are reliably safeguarded for generations —

Not flammable, durable, soundproofing, moisture resistant but breathable, circular. These are some of the rockwool benefits. Obtained by processing of lithic-basaltic material, rockwool is a very flexible, naturally derived insulation material that can be recycled over and over again respecting the environment.

Rockwool



CE



Find more information on:



Thanks to their high material performance and very low emissions, mineral wool products with ECOSE Technology® provide living spaces with excellent thermal comfort, sound protection, maximum fire safety and high indoor air quality, sound protection, maximum safety in case of fire and high indoor air quality.

ECOSE Rockwool



CE



Find more information on:

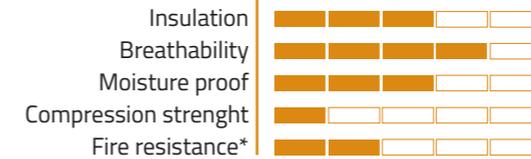


Thanks to the use of thermobonded natural fibres, using innovative processes and without chemical adhesives, these are the most suitable solution for green building. Produced with hemp and/or kenaf fibre these high-density mattresses provide respectable insulation values while also offering excellent soundproofing and a high degree of breathability.

Natural Fibre Mats



CE



* Variable, depending on complementary additives

FIBROUS INSULATION

Fibrous insulation operates by trapping air within its fibres, effectively hindering heat transfer through convection. This insulation variety also curtails heat conduction across molecules by reducing particle collisions. Its porous nature not only contributes to thermal regulation but also excels in soundproofing, making it suitable for acoustic insulation applications. The special adaptability of these insulation materials makes them ideal for filling cavities and interstitial spaces between structures. While inherently flexible, fibrous insulation can incorporate additives to achieve rigidity, allowing it to conform to predetermined shapes. We can supply different types of fibrous insulation as Fibreglass-based, Mineral wool or natural fibre based such hemp wool which are ideal for sustainable construction and fully recyclable at the end of the life cycle.

Critical repairs to deteriorated concrete:
Today, technical mortars for concrete restoration
are a viable alternative to replacement.



PLASTERS, GROUTS AND MORTARS SOLUTIONS

Plasters and finishes represent an important component among construction steps. We have chosen for you a range of reliable products that can meet the widest range of usage needs while ensuring cost-effectiveness and quality. Our products are selected to offer predictable results, speed and ease of application to the benefit of lead times.

We also stock a selection of wall paints, primers and protectives for all the needs of new construction or rehabilitation/renovation of existing buildings. This includes a special selection of eco-friendly, zero-emission products.

During construction or when working on pre-existing structures, technical mortars are becoming increasingly important for effective and fast anchoring or repairing structures that would otherwise have to be demolished and rebuilt at an increased cost.

Chapter 5

A complete range of dry premix products based on selected inerts, gypsum or hydrated lime even with special additives or perlite for all plastering and finishing requirements for exterior or interior wall surfaces.

Plastering and finishing



We have selected from the international market a diversified range of products suitable both for use in industrialized construction (large surfaces and modern materials) and to be used in renovation where traditional sub-layers are present. While making this selection, we also fostered the sourcing of products based on natural and sustainable materials with low or no VOC emissions such as those based on natural or hydrated lime for healthier and more comfortable environments.



Find more information on:



Our selection of interior and exterior wall paints including protective, high-durability, breathable and low-VOC emission products. For quality, environmentally conscious building and healthy indoor environments.

Paints



Find more information on:



Our assortment of specific mortars for all needs for technical anchors on concrete, repair of deteriorated concrete elements, repair of cracks, resurfacing or for patching.

Repair Mortars Anchoring Grouts



The use of premeasured mortars to repair concrete structures allows for predictable results, certain consolidation times and guaranteed recovery to initial structural characteristics.

Specific anchor mortars enable easy execution and tensioning of structural elements such as iron profiles and other supporting structures before load application by reducing the risk of cracking and adaptation of support points.



Find more information on:



MORTARS, GROUTS, FINISHES

In addition to the most common cement-based pre-mixes for masonry and plastering, we have a wide selection of mortars for two-layer plasters and finishes providing satisfactory results, competitive prices as well as a selection of natural or hydraulic lime-based products suitable for particularly low VOC emissions for healthier environments, breathable and moisture resilient structures.

To complete the product assortment dedicated to finishing, we have a wide range of mural paints, adhesion bridges and specific products for the protection of wall structures exposed to the weather. We also have a specific line of innovative products with high breathability, very low VOC emissions based on natural lime and graphene that are ideal for maintaining optimal well-being in residential spaces.

Whether it is for emergency consolidation work or for the preparation of anchors or laying plans for structural elements in mixed technique constructions, the products and solutions selected by Attard Bros Construction Materials such as cementitious mortars and technical mortars for masonry reinforcement and consolidation as a whole are designed to ensure safe and long-lasting interventions.



**Regina Hotel
construction site
in Sliema**
37'000 Cuplock
elements has been
used in this
construction site.

SCAFFOLDING SOLUTIONS

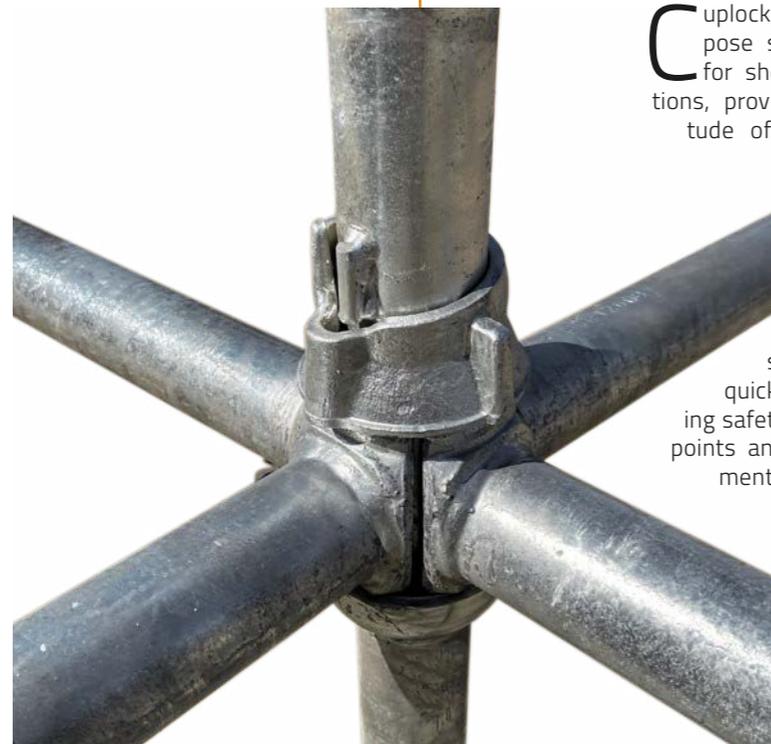
Thanks to the Attard Bros Group's experience in the field of building construction, we can offer our customers the best and most reliable scaffolding systems. Thanks to our experience and expertise, we are able to provide the highest safety, quality and reliability of the products we have selected. The scaffolding we offer is in fact designed to adapt to all types of construction site and requirements, is made of resistant and certified materials, and guarantees faster erection and better handling —

Chapter

6

20% lighter than traditional scaffolding make it easier in terms of installation, transportation and handling

Cuplock System Scaffolding



Cuplock system is the multi-purpose system that can be used for shoring and access applications, providing solutions for multitude of challenging applications. As four components are secured in one action, productivity is high compared to traditional scaffold methods. The assembled components are immediately self-supporting ensuring a quick installation and increasing safety on site. The unique node points and the wide range of elements provide a wider range of solutions for different applications. For this popular and proven system, we offer a wide range

of compatible elements and accessories to cover all needs at a competitive price. Elements are highly damage resistant and suited to the most demanding trades and applications. Up to 57 kN leg loading means larger structural grids, and less elements per square metre of installed scaffolding. Various decking options are available to suit the required application, scaffold boards, battens or decking platforms. Heavy-duty access can be accommodated to ensure the system is strong enough to work in all environments. Bay lengths from 0.6m to 3.0m enable a wide range of solutions.



Fast erection systemized scaffold resulting in less labor and better handling.

As four components are secured in one action, productivity is high compared to traditional scaffold methods.

no specific tools are needed for assembly ensuring convenience and speed of erection.

SCAFFOLDING SYSTEM

Here at Attard Bros Group, we know how important quick assembly and disassembly of scaffolding is to save downtime during construction.

Cuplock® system is the most efficient multi-purpose steel scaffold for general access and shoring applications. Cuplock is distinguished by its unique node point connection, from which the name, which allows up to four components to be connected in one easy fastening action. It is ideal for a wide range of applications including continuous façade, circular scaffold, birdcage access and staircase access.

Due to the wide availability of base elements and accessories, this system is currently used for both large facade or masonry scaffolding, and small renovation sites but also for highly specialized and industrial applications. Staircase towers, mobile towers and loading bays are also available in our range as well as dedicated steel scaffold boards to improve health and safety on and around the scaffold system

Find more information on:



Mediterraneo Marine Park, Naxxar
In many cases, when casting structures with unusual shapes, such as curved or with complex structural details, wooden formwork is still widely used today.



FORMWORK MATERIALS

Today's market offers various concrete formwork solutions, and we can certainly say that we have tested most of the different technical solutions in our construction sites ourselves. That is why we are able to suggest the most suitable solution for your needs from the various available, such as wood, metal and plastic, each with specific advantages and disadvantages. Wooden formwork is economical and versatile, metal formwork offers strength and plastic formwork flexibility, but all systems ensure that concrete structures achieve the desired strength and shape, reflecting the complexity of modern architecture

Chapter

7

A complete range of wooden components for shuttering including H beams, classic yellow boards and film faced plywood boards.

Wood Shuttering



Our formwork products are characterised by excellent planarity, optimum surface coating resistance to make them long-lasting and maximise return on investment.



Find more information on:



Creating the complex shapes of the pools in the Mediterraneo Marine Park required considerable skill in working with wooden formworks.

Our experience in the field of construction allows us to select the most effective solutions for our customers. That is why, as a basic service, we can offer a wide range of components for wooden shuttering.

Wooden shuttering is highly valued in construction due to its versatility and cost-effectiveness. Its ease of processing makes it suitable for a wide range of projects and represents a modest one-time investment, which can be a significant advantage for budget-conscious construction. Its affordability does not compromise its quality or functionality, making it a go-to choice for many contractors.

The lightweight nature of wood also contributes to its popularity in formwork applications. It facilitates easier handling

and transportation, which, in turn, expedites the construction process especially in small to medium construction sites or where accessibility is limited to small vehicles.

With proper maintenance and storage, the lifespan of wooden formwork can be maximized, contributing to a more sustainable construction practice. In summary, wooden formwork stands out in the realm of construction for its ease of processing, accessibility, lightweight nature, and cost-efficiency.

WOODEN FORMWORK

Wooden formwork is a staple in the construction industry due to its versatility and cost-effectiveness. It's particularly valued for its ease of processing; wood can be cut, shaped, and fastened together to fit the unique geometrical requirements of various components, making it ideal for customized projects. This adaptability is a significant advantage when constructing complex structures or intricate designs which are typical of the Maltese building scene. At the same time, imprinted in the concrete, the texture of the wooden formwork evokes a universal style, celebrated by the masters of modern architecture



Regina Hotel, Sliema

A well-organised construction site includes that all workers have suitable tools and safety equipment in perfect working order for the assigned task.

TOOLS, CONSUMABLES, SAFETY EQUIPMENT

The amount and variety of materials and components used on a construction site is astonishing. Each project requires a wide range of resources, not only structural materials, but also small parts, consumables and one-time items, all of which contribute to the perfect functionality and aesthetics of the building or simply help during the construction and installation of components and finishes. The efficient management of these materials is crucial to the success of the project, requiring careful planning and coordinated logistics to ensure that everything is available at the right time and in the right place, thus minimising delays and waste

Chapter 8

Rely on our selection for all your construction site needs, from tools to various supplies and consumables. You will find quality at right prices, plus our pre- and after-sales support.

Tools & Consumables



All our tools and power tools are reliable products suitable for extensive use in harsh conditions. We use them on our job sites on a daily basis; we know what we are talking about

Find more information on:



Health and Safety is an important component of every worker's job; equipment must provide protection without interfering with mobility, dulling the operator's senses or hindering operations.

Health & Safety Equipment



Comfortable and waterproof shoes, lightweight but sturdy protective helmets, specially reinforced gloves for different uses, our selection of PPE is designed to meet every need.

Find more information on:

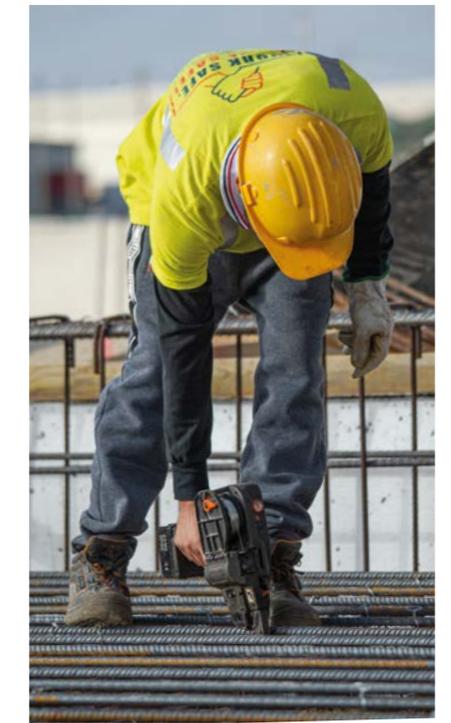


Within construction sites, construction workers operate by capitalizing on the potential of large machines such as cranes and excavators, however, it is the labor force that guarantees a job done to perfection. Every day bricklayers, tilers and construction professionals, using a wide range of tools from the smallest dimensions accomplish every detail by transposing the design into reality. For them, the universe of tools starts from the most basics like trowels, spatulas, picks, shovels, trowels, hammers, pincers, wrenches, to the more modern like rebar tying tools, cross laser levels, and other, specifically introduced to increase the accuracy and speed of execution of work phases. Among the products most in demand by our customers are screws and bolts,

for assemblies and structural fasteners, expansion anchors including chemical type for structural anchoring, sealants and adhesives of various grades, films, protective tarpaulins and adhesive tapes for sealing and protection during work, consumables of various kinds to aid in the execution of finishing and tiling work. There is, of course, no shortage of consumables such as abrasive discs, saw blades, drill bits. The field of safety equipment deserves here a special mention. We have always paid special attention to this context, and today we are able to provide our customers with a wide selection of products such as safety helmets, different types of gloves, goggles and shoes, to list just a few, suitable for a wide variety of construction site activities.

TOOLS MATERIALS

Our selection of worksite equipment and materials, including personal protective equipment, electrical panels, power tools and all the products in our warehouse in general are the same ones we use daily on our work-sites. We test them before introducing them to the market, and therefore when we decide to do so we know that they are trustworthy. Reliable products and materials that will meet your quality needs at the right price





Materials, equipment and solutions for Building a better Tomorrow

Family-owned company, Attard Bros Group offers a flexible and comprehensive solution to address the needs of professionals and consumers for their construction projects. From manufacturing of construction materials to distribution of an extensive range of quality tools, equipment and material for professionals, home owners and DIY enthusiasts, including contracting services, real-estate developments and joinery, we have built our reputation on our expertise and an absolute commitment to quality.

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