

# MURRIERS INTEGRAL SOLUTIONS (PTY) LTD



The main image shows a large industrial space with a brick wall and a mezzanine system. A logo is overlaid in the center, featuring a black shield with a green chevron pointing upwards. Below the logo, the text 'MURRIERS' is written in a large, serif font, followed by 'DON'T MOVE OUT - MOVE UP!' in a bold, sans-serif font. At the bottom of the image, a line of text reads: 'TAKE ADVANTAGE OF A COST EFFECTIVE, CUSTOMIZED MEZZANINE SYSTEM THAT ADDS VALUE TO YOUR BUSINESS'.

**MURRIERS**  
**DON'T MOVE OUT - MOVE UP!**  
TAKE ADVANTAGE OF A COST EFFECTIVE, CUSTOMIZED MEZZANINE SYSTEM THAT ADDS VALUE TO YOUR BUSINESS



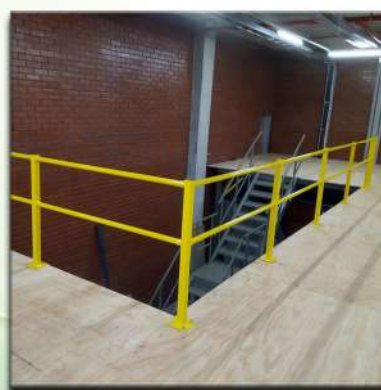
**TURNKEY PROJECTS**

PAGE 4



**MEZZANINE FLOORING**

PAGE 7



**ANCILLARY MEZZANINE  
PRODUCTS**

PAGE 9



**RACKING & SHELVING**

PAGE 11

[WWW.MURRIERS.CO.ZA](http://WWW.MURRIERS.CO.ZA)





## ABOUT US

**W**ith over 20 years' experience, Murriers Integral Solutions (Pty) Ltd is a proudly family owned and managed company. Our focus has always been delivering exceptional quality workmanship while providing our clients with advice on how to maximize and utilize their current space by way of a cost-effective solution.

**O**ur products and services are able to equip our clients to increase the capacity and effectiveness of their business with our customized storage solutions.

**W**e cater to our clients' specific requirements, by equipping them with structural installations, custom mezzanine flooring and complete manufacturing packages.

**O**ne of our most popular examples would be shelving and warehouse storage solutions with dry wall offices above, as it is a common use for mezzanine flooring. This arrangement allows for optimal usage of the current space not only for the storage of goods but also for additional office space.

**P**roviding reliable solutions to our clients nationally as well as across the African continent, we offer a turn-key development system to your business from the word go.

**O**ur diverse range of services include: mezzanine flooring, racking and shelving, structural flooring, shop fitting, dry walling staircases, safety handrails, custom steel products, steel security products and various solutions for retail, industrial or business warehousing – just to name a few.

**O**ur Head Office and Manufacturing base is located in Meyerton, with an in-house manufacturing team dedicated to quality output.

**I**n addition, Murriers boasts on-site installation teams with years of experience and a commitment to client satisfaction.





**M**urriers Integral Solutions (Pty) Ltd is a company that cares for you and your business. We understand the value of a healthy economy and the priority of business growth in our country.

**T**herefore, our success is a direct result of our clients' success and we endeavour to do our utmost to achieve that in line with their objectives.

**W**e value our clients and look forward to building and maintaining continuous relationships and on-going rapport.

**W**e strive to provide a custom-made service that is focused on the clients' specific needs with an understanding of the importance of attention to detail in all of our projects.

**A**ll our staff work closely together to ensure our clients' satisfaction and peace of mind.



## YOUR SUCCESS IS OUR SUCCESS

**M**urriers Integral Solutions (Pty) Ltd has successfully relocated various businesses across the industry spectrum, where our turn-key services have left our clients happy, satisfied and confident with the knowledge that they are able to continue with their everyday operational duties.







## TURNKEY PROJECTS

**T**urnkey is a term that relates to a solution that drastically simplifies things for the client. According to the Merriam-Webster dictionary, the term is defined as, "built, supplied, or installed complete and ready to operate, also: of or relating to a turnkey building or installation".

**W**ith this type of project, Murriers Integral Solutions is given the responsibility for the design and implementation of the necessary work. Once completed, the client is able to "turn the key" and start using the new building or facility.

**I**n essence it is a full-service process including design, manufacturing, installation and finishing products and services.

**A**t Murriers, we offer a broad range of products and services which are tailor-made to the client's specifications. Our turnkey services allow the client to partner with us as a reliable source for an all-in-one solution.

## WHAT ARE THE BENIFITS OF TURNKEY INSTALLATION?

**M**urriers turnkey installation services offer a wide range of benefits. With experienced management and teams, we provide the project with a clear-cut plan to meet our clients' needs at every step, from the design phases to finalizing the installation.

**S**eamless continuity: Working with a single entity on a project involving many parts, multiple stages and processes saves time and makes for clearer communication.

**R**ather than having to track different project managers down for status reports and keep various companies on the same page over a long period, a turnkey solution means everyone involved is pulling in the same direction and you have a single point of contact relating to the project and its outcomes.





**Integrated:** planning and execution: One significant advantage of turnkey installation is that you're consulting and coordinating with just one company.

**Whether** it's relaying project specifications or requesting changes in the design phase, you don't have to worry about the essential details getting lost in translation.

**There's** less waiting around and making calls and sending emails trying to figure out what's going on and who's responsible for various tasks.

**The** turnkey company creates and manages the plan and fluidly adjusts and executes project phases for a faster and smoother process and improved final results.

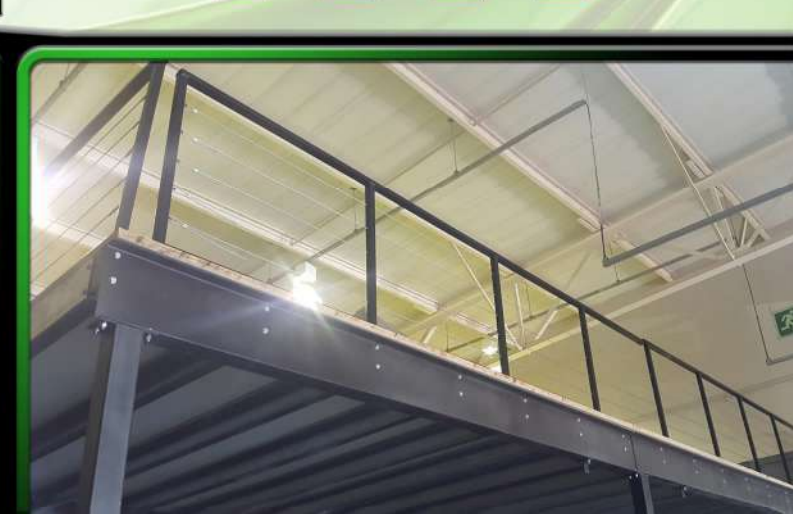


**Consistent: quality:** A single mistake at any stage can send a project off its rails. Not using the right materials or processes can cause poor manufacturing.

**When** you choose a provider with an excellent reputation and credentials, you know that the quality will be consistent and that you'll receive end-to-end service and support.

**Affordability:** Costs are always a concern in any installation, and turnkey services will inherently save you time and money.

**Since** the company is handling the entire project, they're better able to provide you with a more accurate quote and timeline. You therefore eliminate hidden costs, inefficiencies and the overhead of working with multiple businesses.







## DRYWALL

The addition of drywall offices and ceilings are also a very cost effective manner in which to accommodate additional staff or storage space.

Drywall is an excellent alternative to a week-long plaster application. It not only offers a neat and tidy finish, but has been reported to aid in noise reduction.



## SUSPENDED CEILINGS

A suspended ceiling is an overhead interior surface that covers the upper limits of a room. It is not generally considered a structural element, but a finished surface concealing the underside of the roof structure or the floor of a story above.

A suspended ceiling, is a network of aluminium struts, as opposed to drywall, are attached to the joists, forming a series of rectangular spaces. Individual pieces of cardboard are then placed inside the bottom of those spaces so that the outer side of the cardboard, interspersed with aluminium rails, is seen as the ceiling from below.

This makes it relatively easy to repair the pipes and insulation behind the ceiling, since all that is necessary is to lift off the cardboard, rather than digging through the drywall and then replacing it.

Have you considered combining your mezzanine flooring with drywalls and ceilings to create additional rooms or office space?





# STRUCTURAL MEZZANINE FLOORING

A mezzanine floor is built between two main floors or the floor and ceiling of a building. They are designed to cover a specific area of a building rather than extending over the entire floor space.

Mezzanines are designed to maximize unused vertical space, allowing for extra room above and below. They are usually free-standing, semi-permanent structures and can be removed and re-installed at a different location.

Mezzanines are custom-made to the clients specific requirements, manufactured from detailed drawings, and are typically constructed from steel.

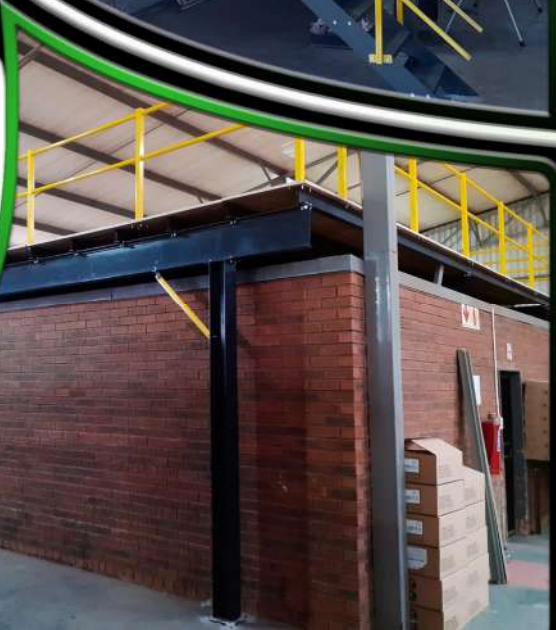
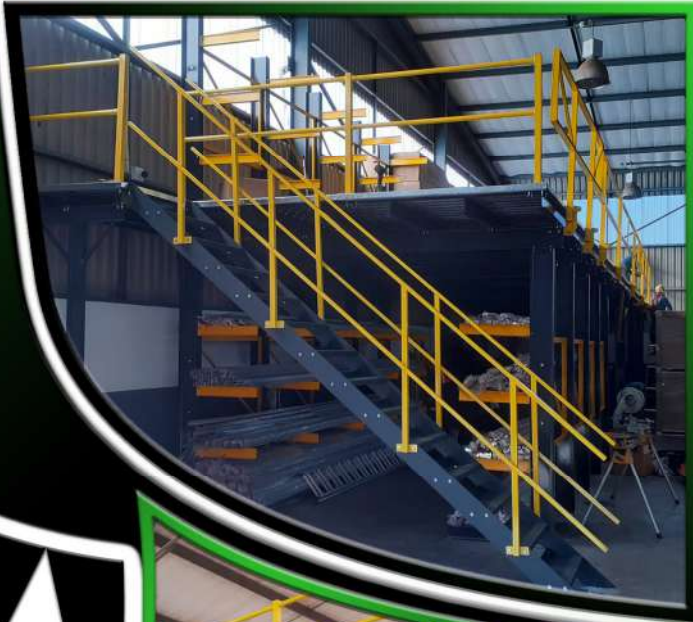


A Structural Mezzanine is a free standing, semi-permanent flooring structure which uses a grid of structural steel columns to support a raised floor which can be used for storage, production or office space.

The major benefit of a mezzanine floor is the complete flexibility that it offers. The grid structure can be designed to provide a blank canvas of a floor to suit your requirements and specified to accommodate heavy duty loads such as machinery. It can also accommodate fully fitted offices to either the ground or first floor levels.

These freestanding structures are perfect for companies looking to expand their available floor space, while minimizing the disruption to their business. Steel columns support a single additional floor, which can be used for storage, production or additional office space.

Lifts and stairs can be integrated to provide a multitude of access options, depending on the floor's intended purpose.







## RACK SUPPORTED MEZZANINE FLOORING

**R**ack Supported Mezzanine Flooring is a practical way of making use of the wasted space above racking. This type of mezzanine is built from pallet racking materials and is generally the most cost effective way of building a mezzanine.

**W**here some people see obstacles, we see opportunities. We will work with your business to negotiate tricky columns, bulky equipment and other structural obstacles, finding a mezzanine solution that's practical and purpose-built for your precise requirements. Storage is gained above the structure with an open deck, in addition the support for the deck is usable pallet racking that can either be left open or utilized as shelving.

**O**ur rack supported mezzanine floors are ideal for joint storage and working space projects. By accessing vertical space in your facility, you can gain additional storage space without having to sacrifice offices or other areas.

**W**hen it comes to the need for additional floor space in your warehouse, office or store; Industrial Supported Mezzanine Floors are a good economic alternative to a structural mezzanine floor support system.

**A**dvantages include the use of the racking support frames in the inclusion of additional beams and decking, creating additional storage space above or below mezzanine level.

**O**ur rack supported mezzanine floors integrate pallet racking into the floor space below the mezzanine, securely support the above floor and its contents.

**T**ogether with our mezzanine floor steel columns, the mezzanine floor is secure, and the storage space below is maximized.





# ANCILLARY MEZZANINE PRODUCTS

As a manufacturer of industrial staircases, ladders and landings, we are perfectly placed for customized steel safe access products.

From constructing mezzanine access for maintenance and daily operations to safely moving personnel across your conveyor line, we have the in-house manufacturing expertise and capacity required to deliver a solutions-based product with your individual specifications as our blueprint.

Our combination of design and installation experience allows us to build access points into your mezzanine design, catering to the specific dimensions and requirements of your space. We also offer a range of alternate access points, including gates for workers and goods.



## HANDRAILS

These secure the exposed edges of the mezzanine floor. Mezzanine floors should incorporate sturdy and durable handrails to ensure the safety of personnel at heights as well as to secure any goods stored. Murriers offers a wide array of functional and top quality handrails for your mezzanine floor.

## STAIRCASES

Stairs may be in a straight run, leading from one floor to another without a turn or change in direction. Stairs may change direction, commonly by two straight flights connected at a 90 degree angle landing.

Staircases are a necessary feature for many structures we come across every day and the need for safety and durability are essential. With our experience and understanding of the need for safe access, we can custom build any steel staircase to suit your requirements and install them with our specialized teams.







## PALLET GATES

**P**allet Gates are designed to provide a safe access solution for factory and warehouse workers who are responsible for loading and unloading pallets onto mezzanine floors or raised working surfaces.

**T**ransporting pallets around factories and warehouses can present a number of safety issues. This is particularly apparent when the worker has to load/unload pallets onto mezzanine floors, as this could result in a fall from height.

**P**allet Gates eliminate this safety issue, as they provide a simple solution that results in employees being separated from hazard at all times.

**W**e offer a wide range of tailor-made products for use on mezzanine floors that suit all sizes of pallets. The non-standard pallet gates cater for scenarios where headroom and depth is limited, and where high/deep pallets are required to be loaded onto platforms where a shutter door is.

**A** proven track record for being reliable when handling and storing materials on various levels including:

- Docking stations and loading bays
- Temporary landing stages
- Hoisting platforms
- High level boarding platforms
- Entrances and doorways
- Mezzanine pallet gates for mezzanine floors

## FENCING & GATES

**F**encing is an ideal and economical way to cordon off areas inside or outside a warehouse or factory, or above or below a mezzanine floor. In the case of a bonded store, a fencing 'roof' can also be installed in order to totally enclose a designated area. Fencing is commonly combined with a gate to allow for access to the fenced off area. Depending on your needs, we are able to manufacture and install a wide variety of gates to suit your access requirements.





# RACKING & SHELVING

**W**hy spend more money on increasing your warehouse square footage when you could be making use of the wasted vertical space which is already in your warehouse? By adding the correct racking system you could double and sometimes even triple the storage capacity within your warehouse.

## PALLET RACKING

**P**allet racking is a material handling storage aid system designed to store materials on pallets. Although there are many varieties of pallet racking, all types allow for the storage of palletized materials in horizontal rows with multiple levels. Forklift trucks are usually required to place the loaded pallets onto the racks for storage. All types of pallet racking increase storage density of the stored goods.

**A**ll types of pallet racks increase storage density of the stored goods.



**P**allet racks are used throughout industry and distribution facilities for bulk storage of items. Generally, the items stored are boxed goods stacked on pallets which are placed on the rack. The pallets are accessed by some type of mechanized lifting and retrieval device.

**O**ur Pallet Racks has an 8 ton capacity per bay for storage of heavy duty goods.

**P**allet Racking is the optimal solution for distribution centres and warehouses with palletized products and a wide variety of SKUs.

**P**allet Racking is the most universal system for direct and single access to each pallet.

Advantages:

- Total stock control: each storage space is taken up by a single pallet.
- Maximum adaptability to any load type both in terms of weight and volume.
- It can be combined with long span beams for manual selection of goods







## LIVE PALLET RACKING

**L**ive Pallet Racking is a dynamic, high density storage solution which provides failsafe automatic stock rotation by using the FIFO (First-in First-out) method

**I**deal for a continuous flow of high volume consumer goods and the FIFO method is the perfect solution when stock rotation is required for perishable goods.

**T**his cleverly organised system can increase your storage density by 60%, whilst providing direct access with a good overall view of stock.

**T**his is an ideal system for distribution centres or warehouses with perishable goods, although it can also be used in any industry or distribution business.

**O**ur Pallet Racking incorporates roller track sections placed on a sloped lane to allow the pallets to slide over them. The pallets are put in at the highest part of the rolling section and moved by the force of gravity and at a controlled speed towards the other end.

Advantages:

- Enables perfect pallet turnover (FIFO SYSTEM).
- Maximum capacity as storage system is compact.
- Time and space saved in pallet handling.
- Excellent stock control.

**L**ive Pallet Racking is very versatile type of pallet racking and can be used in many industries, particularly fast pace environments with a high turn-over of products or where there is a need for failsafe stock rotation. Live pallet racking is found mostly in the food and beverage industries due the fast flow of goods and the need to rotate stock, as well as pharmaceutical and chemical industries.





# DRIVE IN RACKING

This system is based on the storage by accumulation principle, which enables the highest use of available space in terms of both area and height. Drive-In Racking is designed for the storage of homogenous products. It accommodates a large number of pallets for each SKU.

Two management systems are available: the drive-in system, with only one access aisle, and the drive-through system, with access to the load from both sides of the rack. The system is frequently used in cold stores (refrigeration and freezing) which require maximum use of space for the storage of products in a controlled temperature.

This system allows the forklift to drive directly into the lane of stacked rows (called a bay). The difference between a drive-in and a drive-thru pallet rack system is simply whether the bays have an entry at only one end, or at both ends.



Drive-in rack systems use a common entry and exit, while drive-thru systems have entry points at either end of the bay. Because a drive-in racking system has only one entrance, it uses what is called a LIFO (last in, first out) storage method. With only one entrance, the last pallet put into a row is necessarily the first one to be taken out.

A drive-thru storage system, with two different entry points, can also use a FIFO (first in, first out) storage method. With a FIFO system, pallets are loaded in one end and are pushed back to the other end, where they are then at the front of the row on the opposite side. The first pallet put into such a row is the first one taken out at the other end. This system is advantageous for material with an expiration date or wherever shelf life is a major concern.

## Advantages:

- Maximum profitability of the available space (up to 85%).
- Removal of aisles between the racking.
- Rigorous control of entries and exits.
- It allows as many SKU as loading lanes.



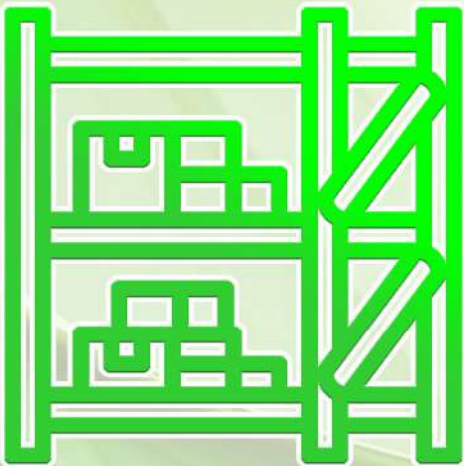




## LIGHT DUTY RACKING

**L**ight Duty Racking is ideal for bulky light weight hand packed goods. The system is easy to assemble and can be easily relocated. All levels are easily adjustable and a full range of frame and beam sizes are also available.

**W**hy spend more money on increasing your warehouse square footage when you could be making use of the wasted vertical space which is already in your warehouse? By adding the correct racking system you could double and sometimes even triple the storage capacity within your warehouse.



**A** comprehensive range of frames and beams accommodates a wide range of loading requirements and is complimented by a choice of materials which can be specified to meet specific needs. In a nutshell, it provides the best preconditions: flexible in operation, easily adjustable and easily configurable.

**W**ithin all industry fields it is a very successful system, installed in warehouses, archives, workshops, stores and so on. Light Duty Racking is a suitable solution, or the type of product being stored, and the available space at hand.

Finishes:

- Epoxy powder-coated or Pre-galvanised

Advantages:

- Ideal for bulk items that are loaded by hand
- Ease of access to items/goods
- All levels easily adjustable
- Minimal tools required for assembly and ease of assembly
- Each level able to use any type of wooden decking





## COLD ROOM RACKING

**H**igh capacity Cold Room Racking Storage Racks and Shelves help to reduce costs associated with building and maintaining temperature regulated cold rooms and freezers by maximizing the floor space of the storage area.

**W**e provide high capacity Storage Racks and Shelves for any industry that has temperature regulated cold rooms and freezers including chemical and pharmaceutical manufacturers, beverage distributors, food distributors, police evidence departments.

**T**ypically, high capacity storage racks and shelves have one moveable aisle for every six static aisles, but it all depends on the activity level of your facility.



Cold Room Racking to suit your needs:

- Standard Shelving (freestanding or can be fixed to the wall)
- Mobile Shelving (for large cold rooms and kitchens warehouses, pharmaceuticals, event caterers)
- Lockable Trolleys (for restaurants, hotels and hospitals and areas open to the general public)

**M**aximizing temperature regulated cold room and freezer floor space with high capacity storage racks and shelves consists of converting fixed aisles into moveable aisles. This is accomplished by putting rows of racks or shelves onto moving platforms that roll back and forth on floor tracks.

**R**ows of racks and shelves move on tracks by pushing a button (powered systems) or turning a three-spoke handle (hand crank systems). The number of moveable aisles you need is based on your activity level.

**C**onverting your cold room or freezer to high capacity storage racks and shelves will condense your storage area by 50% to 60%.







## BOLTED SHELVING

**B**olted Shelving is basically shelving that adapts to your unique specialised needs. It is a space-effective and economical storage system for virtually any light-duty application.

**O**ur bolt-together shelving is easy to put together with bolts, and has such a stable stand that it can be set up as a free standing unit anywhere in the room without problems.

**T**he bolt-together shelving units are especially popular in warehouses or workshops, for example anywhere, in fact, where reliable, flexible and high quality shelving is needed.

**A**adjustable shelving allows more flexible use of shelves to hold items of value for storage. These sections are perforated with circular holes or elongated slots to allow shelves to be mounted directly or fixed using nuts and bolts.

**O**pen Braced Bolted Steel Shelving is the most basic and economical shelving design for general purpose use. The back and sides are open except for the sections that are stabilized by means of cross braces on the back and sides.

**C**losed Back and Side Bolted Steel Shelving units are closed on three sides with steel panels to provide stability and protection of the items stored as well as to promote cleanliness of these items. When units are joined side by side and back to back, a common side or back panel is used between the two units achieving a large cost saving.

**M**anufactured from quality steel and modern in design, general purpose steel shelving is designed for versatility and easy installation and can be easily adjusted or relocated. This type of shelving is not only durable and sturdy, but can be used for various applications in a wide range of industries.

**T**he shelving is highly adjustable and can be customized to include several tier levels, from 2-tier up to even 9 -tier levels.





## WHY PROVIDE A PERSONALIZED SERVICE?

**Y**our customers are what drives your business. Without them, it would simply not exist. In today's technological age it is more important than ever to build and maintain personal relationships. People are by nature social creatures and face-to-face interaction is a necessary part of maintaining that, in addition, in our business it is impossible to do what we do without such interactions. At Murriers we value our clients and they are essential to our continued growth and development, not only for our business but theirs as well. We are confident that our solutions add real value to our clients' businesses, allowing them the opportunity to save money in the long run and maximise the use of their space more effectively.

**A** personalized service is essential as we want our customers to feel valued and appreciated. To do this we provide solutions that are tailored to the clients' specific needs and requirements, building trust and creating an opportunity for,



open and on-going communication. We don't just want to sell you a product and never hear from you again, we want to engage your imagination and creativity on an on-going basis.

**T**o be honest, providing a personalized service is not just altruistic in nature, it benefits us greatly as well. It increases client satisfaction, loyalty, client retention (repeat business), and of course revenue. Our service model naturally provides a more flexible and convenient experience and empowers us towards continuous improvement. It has always been, and remains, a very important strategy for our teams. As our client expectations continue to rise, we strive to be more and more engaged with our clients to remain competitive in the market. We believe that our personalized approach sets us apart in a positive way.

**I**n the end, our personalized approach is important for continued business growth and our long-term success.

**B**y choosing Murriers, you save time and money, you are valued and appreciated and we thank you sincerely for trusting our team, the process and our expertise. We always look forward to exceeding customer expectations and helping others achieve their own business goals as well.







# MURRIERS

## DON'T MOVE OUT - MOVE UP!

IF YOU ARE INTERESTED IN A QUOTATION OR HAVE AN ENQUIRY,  
PLEASE GET IN TOUCH WITH US AND WE WILL RESPOND IMMEDIATELY.



(+27) 16 023 0081  
sales1@murriers.co.za  
www.murriers.co.za

VAT No 461 027 6661  
Reg No 2016/322363/07

74 Batoliet Road,  
Valley Settlements,  
Randvaal, South Africa