

form-scaff

WACO international



Corporate Profile 2008

www.formscaff.com



Form-Scaff is South Africa's leading supplier of formwork and scaffolding to the construction and civil engineering industries. Form-Scaff not only manufactures, hires and sells world-class products, but also provides the design skills, technical advice and support that comes with having over 45 years of local experience and 23 branches nationwide.

This indigenous expertise is complemented by the international depth and breadth of our holding company, WACO International. A leading global commercial and industrial service business, WACO International focuses on the manufacturing, rental and sale of formwork, shoring and scaffolding equipment as well as the burgeoning relocatable and modular buildings industry. WACO International operates in Africa, the UK, Australia, New Zealand and Chile.

We deliver uncompromising formwork and scaffolding solutions to the civil and commercial construction industries. We achieve this through the passion of our people, quality of our innovative products and superior service delivery.

Form-Scaff Mission Statement

Form-Scaff is a division of WACO Africa PTY Ltd, a joint venture company owned by WACO International and respected local black empowerment company, Kagiso.



Whilst this brochure provides you with an overview of the complete range of Form-Scaff products, informative and detailed brochures for each of the product ranges can be obtained by contacting your Form-Scaff Technical Representative or Form-Scaff's head office on +2711 842-4000, or visit www.formscaff.com

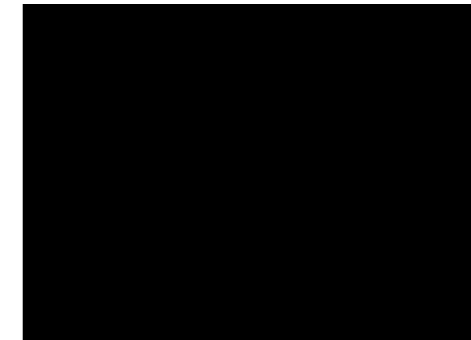
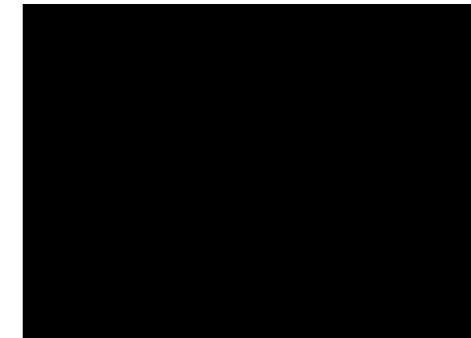
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While every effort has been made to ensure the accuracy of the information in this catalogue, we cannot accept responsibility for any errors which may occur as a result of reliance on the contents of this catalogue and are not liable for any loss of any nature that may be incurred as a result of such reliance. Details of any of the products may change without prior notice.

The customer must ensure that 'good practice' is adopted on site by competent persons and that the products shown in this catalogue are erected, used and stripped in accordance with the relevant Codes of Practice and the OHS Act and Regulations 85 of 1993. This catalogue does not contain any design detail but lists and depicts the items available under this product range. The responsibility for design is the responsibility of the customer.

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form-scaff

For over 45 years Form-Scaff South Africa has been designing, manufacturing, hiring and selling world-class formwork, shoring and scaffolding access equipment. The Company operates from various locations nationwide and has international branches in Mauritius, Namibia and Chile.

International innovation meets local expertise

Form-Scaff's vision centres on delivering uncompromising formwork and scaffolding solutions through our people, products and service. At every level within Form-Scaff you will encounter experienced, skilled and passionate people. The specialised Product Development teams and Technical Support teams provide a wealth of experience.

At Form-Scaff, service is an all encompassing ethos that drives the Company. It is a total commitment to customer service that embraces both products and people.

The Company is South Africa's leading manufacturer of formwork and scaffolding and demand for its superior products has led to a burgeoning international export market, including lucrative markets in Africa, the Middle East and Australasia.

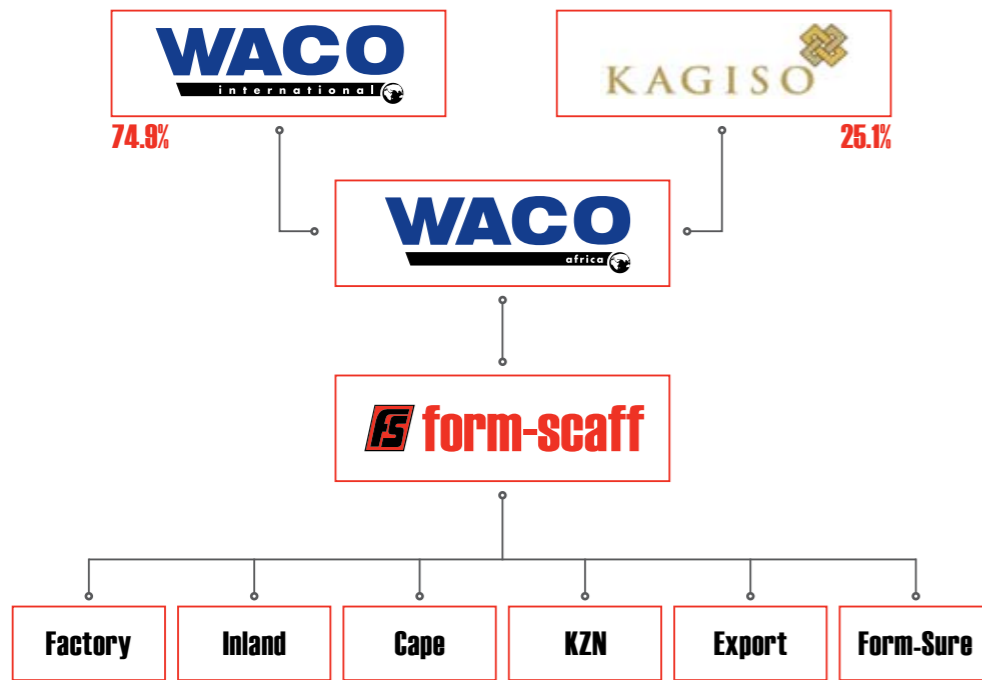
Ownership

Waco International is a South African based international success story. Waco International has operations in Africa, the UK, Australia, New Zealand and Chile, with brand names Form-Scaff, SGB-Cape, Form-Sure, Abacus, Sanitech, Premier Interlink, Waco Kwikform, Waco APL Kwikform, Ausco and Portacom.

Form-Scaff is a division of Waco Africa (Pty) Ltd which directs the group's Southern African interests.

Waco International is the majority shareholder in Waco Africa with 74,9% investment with Kagiso Trust, through their investment company, Kagiso Ventures, owning the remaining 25.1%.





Kagiso is the private equity arm of Kagiso Trust Investment and manages Kagiso's private Equity fund and Kagiso Strategic Investments. Recognising the substantial long term growth potential of Waco Africa, Kagiso opted to purchase a significant interest in the organisation.

Formed over twenty years ago, Kagiso Trust is one of South Africa's most respected non-governmental development finance organisations. Kagiso seeks to improve the quality of life of the poor and marginalised, and regards development as an integral part of transformation and social change.

Form-Scaff mirrors the commitment of its holding company, Waco Africa, in the areas of empowerment and social commitment. The group objectives have been formalised in terms of the new BEE score card codes of good practice to deliver 80 to 100% certified compliance by August 2008.

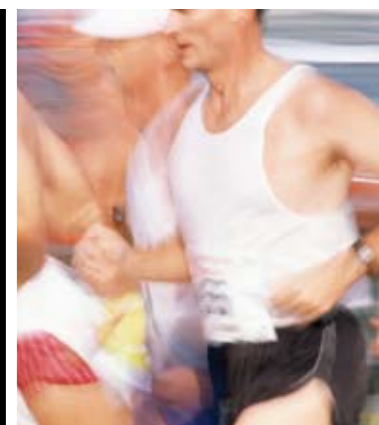
Empowered and Committed

As one of the major role players in the South African economy, Waco Africa has a moral responsibility to support the involvement of disadvantaged communities in mainstream economic activities and to utilise small, medium and micro-sized businesses whenever possible. Waco Africa has equity ownership and is a totally compliant BEE company. Preferential procurement policies are in place to ensure that BEE suppliers are favoured and employment equity as well as skills development are of utmost importance within the group.

Form-Scaff's commitment to the managerial advancement of historically disadvantaged individuals is entrenched in the Cadet Development Programme. Emphasis is placed on identifying individuals who, through training, mentorship and counselling, can develop into well-rounded managers. The programme supports the Company's succession plans by investing in the development of future leaders.

Waco Africa strives to add value through social investment programmes. These include an AIDS Awareness Programme that is currently underway as well as an Adult Basic Education and Training Programme. Form-Scaff is also actively involved in sponsoring major road races such as the Comrades Marathon.

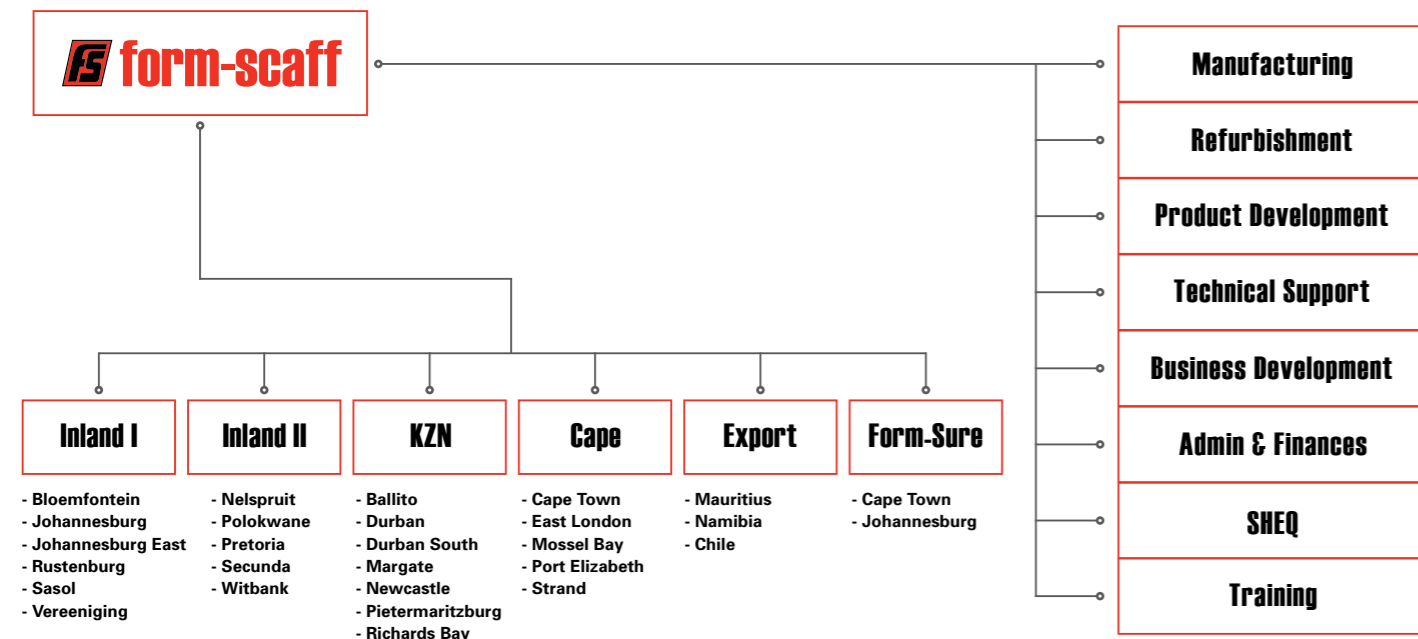
The company also supports the internationally acclaimed Habitat for Humanity programme, building simple, decent, affordable houses in partnership with those who lack adequate shelter.



The Divisions and Branches of Form-Scaff

Form-Scaff has been structured to meet the needs of a dynamic, expanding and diversified construction and engineering market. The 23 Form-Scaff branches have been located in the economic hubs of each province. Form-Sure, Form-Scaff's contracting division, operates from Johannesburg and Cape Town, with the Export Division operating from the Elandsfontein head office. Refurbishment centres are situated in Johannesburg, Durban and Cape Town.

Manufacturing and support services are also located in the Elandsfontein complex.



Manufacturing

Situated in Elandsfontein, Gauteng, Form-Scaff's 11,000 square metre factory is more than equipped to take up the challenge. Producing over 2000 tonnes of old and new generation products per month, it is the genesis of a process that enables Form-Scaff to meet increasing customer demand by having the right equipment, in the right quantity, at the right place and time.

Special once-off formwork solutions for both the local and international markets are also produced on the factory floor.

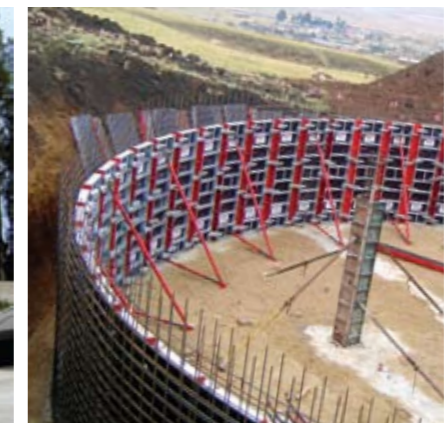
Hire and Sales

At every level within Form-Scaff you will encounter experienced, skilled and passionate people. The national and regional technical representatives have a wealth of industry experience and expertise and are able to provide customers with sound advice on both hiring and buying solutions.

Form-Scaff's branch network spans South Africa with 23 strategically positioned outlets to service the industry. Every outlet maintains a large stockholding to ensure customers' orders are fulfilled promptly. Another advantage of the national network is the ability of one branch to immediately draw stock from an adjacent branch when required.

Form-Sure – Comprehensive Outsourcing

A complete supply-and-erect service is provided by Form-Scaff's contracting arm, Form-Sure. With operations in Johannesburg and Cape Town, Form-Sure meets the challenges of large construction companies who require a totally out-sourced formwork solution.





Product Development

Form-Scaff has a dedicated development department that is continuously developing new product ranges. With state of the art 3D design software and the only 3D model maker in the industry, concept to part development now takes only a fraction of the time.

Refurbishment

Whilst general equipment maintenance is performed at branch level, there are major stock refurbishment centres in Johannesburg, Durban and Cape Town. Refurbishing over 800 tonnes of stock per month, the centres ensure that all stock going out to clients is safe, clean and fit for purpose. Items are shot blasted, reworked, load tested, dipped and coloured before being cleared for reuse against Form-Scaff's high levels of quality assurance.

Technical Support

Form-Scaff has Design Centres in Durban, Pretoria, Cape Town, Johannesburg and the Elandsfontein head office. These centres are staffed with skilled design engineers and draughtspersons working with the latest computer aided drawing systems.

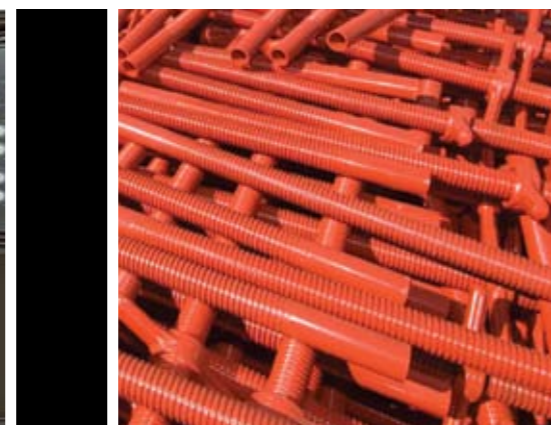
Form-Scaff also has a Toll-Free Technical Advice Line. This Technical Advice Centre is available during normal working hours to all clients. The centre offers technical advice on any formwork and scaffolding related items i.e. formwork and falsework design, safety, erection / dismantling and training. Calls are handled by a trained call centre consultant who will arrange for a specialist in that specific field to respond to enquiries timeously. Call the centre on 0800 20 50 29 (Toll-free) or (011) 842-4011.

SHEQ – Quality, Health and Safety

Safety, Health Environmental and Quality are sacrosanct at Form-Scaff and SHEQ measures permeate every element of the operation. The application of SHEQ protocols ensures that exacting industry quality standards are maintained. This provides customers with the peace of mind of knowing that all equipment supplied by Form-Scaff is safe and "fit for purpose". The process is seamless from the procurement of raw material to the time it is delivered into the customer's hands. IRCA is an International Risk Management Solutions Provider in all the areas of Safety, Health, Environment and Quality. The Company has an IRCA 5 star IRS rating as well as an 'ISO 9001:2000 accreditation'. It is also the stated intention of Form-Scaff to embrace the ISO 14001 standard. Ultimately, it is envisaged to have a fully integrated system incorporating OHSAS 18001.

Training

Form-Scaff's new In-Form Centre, a state of the art showroom and training facility, forms the hub of the Company's commitment in ensuring that both staff and customers are informed and trained in all new formwork and scaffolding systems. Technical design training, product identification and use as well as two CETA accredited scaffolding courses are offered at this training facility.



Many more contractors are finding that it makes good sense to hire more and buy less. This is because equipment utilisation, not ownership, is the key to producing profits. The true cost of owning equipment is usually more than it appears to be. Under-utilisation of assets and holding costs are a persistent drain on a contractor's resources.

Through hiring, a contractor can conduct his business with a lower investment and use his labour force more effectively.

Contractors hire to:

- Meet short term production peaks.
- Supplement their own stock with equipment that is used only occasionally.
- Employ special items for specific, once off requirements.
- Access extra equipment on the job when it's needed.

Form-Scaff is equipped to provide a complete hire service, which includes:

- Planned delivery and pick-up.
- Continual maintenance.
- A network of branch offices close to all projects.
- Design and specialist advice.

The Advantages of Hire

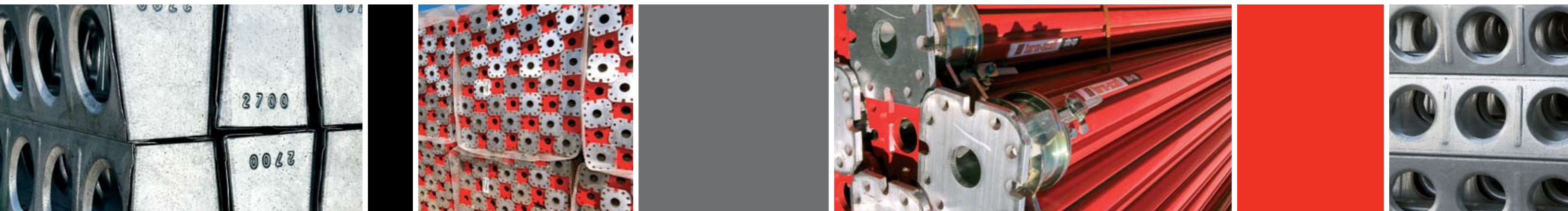
Operational advantages

- Availability of equipment in the right quantities when it's needed most.
- There's no waiting on the availability of capital. When a contract award comes through, the most up-to-date equipment is readily available.

- Mitigating obsolescence. When a better system becomes available, the contractor is free to try it, and compare it with his existing stock.
- Ownership responsibilities (maintenance, repairs, parts inventory, debt storage, interest, taxes and depreciation) are the hire company's problem. This leaves the contractor free to concentrate on his core business.
- Use the right equipment for a particular job. The best system for the next job may not be what was used on the last job. The labour costs can be kept to a minimum by using the equipment best suited to each job.
- The contractor can make more productive use of his resources without the necessity of servicing, warehousing and transporting equipment.
- Hire invoices can be used as a management tool to effect positive control. The invoice gives a complete history of material delivered, material on-hire and material collected. Keeping close tabs on equipment hire costs can provide an important competitive edge.

Financial advantages

- Capital investment in equipment is reduced. Hiring doesn't tie up valuable capital that could be more productive elsewhere.
- Hire is treated as an "off-balance sheet" item, neither an asset nor a liability. This keeps your credit lines available for other needs.
- Office accounting and administration expenses are reduced to a minimum without the extensive bookkeeping that is part of equipment ownership.





tifa



Tifa

Tifa is a new generation wall formwork solution. It is a heavy duty, crane handled system for large areas and the panels are designed to withstand concrete pressures of up to 60kN/m².

The system consists of a steel frame and timber-face to produce high quality finishes. Erecting and dismantling the formwork is quick and easy.

System features

- Rigid hollow-section steel frame
- High grade hot dip galvanising for durability / long life
- Standard SA 600mm wide modules (150mm increments)
- Compatible with Econo-Form as well as other European systems
- Straight and circular applications available
- Gang forms and lifting applications available
- Full range of safety features
- High quality 21mm WISA-Form plywood

Tifa-Lite

Tifa-Lite is a lightweight version of the Tifa system. It has become the obvious system of choice for manhandled formwork. With less components than traditional Econo-Form panels, Tifa-Lite will save you time and effort on shutter assembly.

1200 / 1500 / 2700 height modules

System features

- Rigid hollow-section steel frame
- High grade hot dip galvanising for durability / long life
- Standard SA 600mm wide modules (150mm increments)
- Compatible with Econo-Form as well as other European systems
- Straight and circular applications available
- Gang forms and lifting applications available
- Full range of safety features
- High quality 15mm WISA-Form plywood
- 60kN/m² permissible fresh concrete pressure



tifa-lite





Multi-Form Slabs

Form-Scaff's unique Multi-Form slab range provides contractors with a choice of main and secondary bearers that can be used in a number of ways. Multi-Form bearers are available in steel as well as timber.

Optimising on-site flexibility

Form-Scaff's unique Kwik-Strip Drophead allows the Multi-Form deck to be stripped after a couple of days, thus optimising equipment usage on site. Table-Forms are also available for larger, repetitive projects.

System features

- Galvanised steel bearers and beams for longevity
- Timber bearers and Table-Forms available
- Propping between 1.8m and 6.15m
- High quality WISA-Form plywood
- Superb concrete finishes
- Compatible on Kwik-Stage



Multi-Form Walls

Form-Scaff's unique Multi-Form Beam also doubles up as a soldier in the Multi-Form wall system. With twin channel Walers behind for strength and high quality plywood facing on the front, Multi-Form guarantees a superb shutter finish.

Available in standard panels or loose components

The standard size panels are made up at our premises and delivered to site. Off-shutter columns, walls and lift-shafts are possible with this lightweight walling system.

System features

- Unique Multi-Form Beam as the soldier
- The Walers and Splices self-align the panels
- Splices and Wedges ensure water-tight connections between panels
- Straight and circular applications are available
- Climbing and lifting applications are available
- Offers a superb off-shutter finish



Econo-Form

Econo-Form is a multi-purpose formwork system that can be used for vertical and horizontal formwork applications. With tie centres at 300mm and punched slot periphery, Econo-Form can be used in a variety of ways.

Multi-purpose formwork solutions

System features

- Quick to assemble and strip with wedge sets
- Minimum clamps required
- Stiffeners have been built into the panels to minimise alignment issues (only two scaffold tube walers required per panel)
- Over 40 different panel sizes available



Kwik-Deck

Innovative, totally compatible, and developed by Form-Scaff for South Africa's construction industry, Kwik-Deck is the ultimate decking system. With the interlocking fit between beam, panel and drop-head, Kwik-Deck is a complete system that delivers a safe and smooth decking finish.

Revolutionary design, maximum safety... ...the ultimate decking system

System features

- Compatible with three different propping systems
- Stable and safe rigid interlocking system
- Great fit between beam, panel and drop head ensures smooth finish
- Complete set of safety handrails
- Versatile patching plates and beams



Kwik-Stage

Kwik-Stage is a versatile scaffolding and support system that can be used for many applications, from access scaffolding to slab support. For over 30 years, Kwik-Stage has proven itself to be the most stable and versatile system on the market. With only four basic components, Kwik-Stage lives up to its name as a system that can be speedily erected and dismantled. With its standard grid and interlocking method, it's one of the safest scaffolding and support systems around.

Stability and versatility

System features

- Proven system of choice in South Africa
- Support work for almost any decking type
- Ledgers provide access to all levels and ensure an accurate grid
- Good safety track record
- Modular configuration – easy to check and approve on site

Coffers and Troughs

Form-Scaff's extensive range of coffer and troughs provide an economical solution for large spans of concrete flooring.

Using coffer for two-way spanning floors delivers savings as there is a significant reduction in the volume of concrete and steel required. Total floor weight is also reduced which means lower support and foundation requirements. Fibreglass coffer is light and easy to handle and store. By using Form-Scaff coffer you are assured of a "fair faced" finish.

Economic large span floors

Form-Scaff's fibreglass troughs are used in the construction of one-way spanning floors and deliver the same economical advantages as coffer.

Features

- Lightweight fibreglass construction
- 900 x 825 modules
- 225, 325, 425 and 525 height modules



Sundries

The application of formwork and scaffolding on site may require the use of quality supporting items such as Form-Scaff's recoverable anchor screws through to a heavy duty girder set for larger projects.

A complete range of supporting sundries are available from Form-Scaff including:

- Tie Systems
- Column Boxes
- Strut and Trench Sheeting
- Road Forms
- Trestles and Planks
- Pallets and Stillages
- Maintenance Equipment
- Tools
- Heavy Duty Girder Systems
- Concrete Buckets
- Special Once-off Formwork

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40 Homestead Avenue, Kya Sands
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22 Schonland Street, Industrial Sites
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111 Alluminia Alley, Alton Industrial Area
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P.O. Box 715, Umhlali, 4390
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Helderberg Industrial Park, Strand
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