



**TeSik**
DECKING

Corporate Profile



VALUE PROPOSITION

- **Reduced** Construction costs;
 - **Quicker** Construction;
 - **Enhanced** Quality;
 - **Engineering Design & Construction** Peace of mind;
 - **Green Building** Impact;
 - **SABS** Approved Approach;
 - **Tried and Tested** Methods;
 - **Namibian** Manufacturing.
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***“Your Partner in Building
Innovation”***





BACKGROUND

Tesik Decking CC, was founded in March 2014 as a Close Corporation (CC) by Namibian Previously Disadvantaged Individual (PDI) youth members. The CC is involved in manufacturing, supplying and installing patented prefabricated reinforced concrete permanent shuttering elements as designed by Cobute and Shuttercrete. The CC is registered with the Ministry of Trade and Industry, the Namibian Manufacturing Association (NMA) and the Namibian Chamber of Commerce Institute.

PHILOSOPHY

Philosophy is defined as the study of the fundamental nature of knowledge, reality, and existence, especially when considered as an academic discipline.

TeSik Decking's philosophy is encapsulated simply by Albert Einstein:

"Everything should be made as simple as possible, but not simpler."

Our prefabricated, permanent shuttering, concrete reinforced structural elements meet today's demand for projects to be delivered on TIME, within BUDGET and to SCOPE (QUALITY).

To achieve the above sacred trilogy, TeSik Decking has incorporated a number of internal key business drivers, which are:

People - Competitive Edge
Reputation - Customer Satisfaction
Quality - Product Excellence



OUR MISSION

Is to improve the community that we operate in by offering superior innovative products and services in the construction industry at competitive prices.

OUR VISION

Is to become Namibian industry leaders of innovative and cost effective building solutions.

PROSPECTIVE CLIENTS

TeSik Decking sees every project as a union between the TeSik Decking Brand and the Client (End-User). In no particular order and preference below are the type of Clients that we target:

- Home Owners;
- Property Developers (residential, commercial and industrial);
- Small, medium and large building Contractors;
- Government and Parastatals;
- Hardware & building supply stores (for DIY columns and lintels).



MANAGEMENT TEAM



Frans Sikiza Namuhuya [Inc. Eng]

Inc. Eng (ECN), Pr. Tech Eng (ECSA)
Managing Member

Frans is a progressive, young and dynamic Civil Engineering Technologist with a B-Tech (Bachelors in Technology) Degree in Urban Engineering, obtained from the Nelson Mandela Metropolitan University (NMMU) in Port Elizabeth, South Africa. In addition to his Engineering qualification Frans completed a post graduate degree in Business Administration (BBA) at the same institution's School of Business. Frans is a registered Incorporated Engineer with the Engineering Council of Namibia (ECN) and Professional Engineering Technologist with the Engineering Council of South Africa (ECSA).

Ndishiilange Ndjoba [Pr. Eng]

BEng (Civil: UStell), N.Dip (Civil: NMMU), (PE - 2018 - 4)
Executive Member

Ndishiilange is a young, passionate and driven Civil Engineer. He obtained his National Diploma (NDip): Civil Engineering in 2010 from the Nelson Mandela Metropolitan University. After obtaining his NDip, he spent some time working in the consulting engineering industry. He then went on to obtain his Bachelor of Engineering (BEng): Civil Engineering in 2013 from the University of Stellenbosch. After his second engineering qualification, he went on to further his career in consulting engineering and served as a Business Development director at one of Namibia's largest consulting engineering firms. Ndishiilange is a registered Professional Engineer with the Engineering Council of Namibia (ECN).





PRODUCTS

DECKING

The Decking designed by Cobute consists of beams, zig-zag steel reinforcement, precast panels and polystyrene blocks which vary in size to suit the design. The design of the slab can be carried out by any competent Professional or Incorporated (Structural) Engineer. However, TeSik Decking can facilitate the full range of services that include (but not limited to), engineering designs, construction drawings and practical and final completion certificates to meet local municipal requirements upon request.

Decking Advantages:

- Superb finish on concrete;
- Easy to handle with no crane required;
- Quick to erect/install;
- Approximately 50% less concrete required;
- Minimal shuttering and propping required for the installation;
- Excellent sound insulation;
- The decking system has a fire rating of 150 minutes, for 230mm thick slab;
- The own/self-weight of the decking is $\pm 97\text{kg/m}^2$.

BEAMS

The beams are made of shuttering that consists of two L-shaped beams, reasonably light (20-37kg per linear meter each) with additional steel, that is factory-fixed in the specified position. They are easy-to-handle and allow carpentry costs to be eliminated. Installation simply involves lifting into place and tying the two halves together using the protruding wire mesh. A 6m long beam can be erected and ready for casting in ± 90 minutes by six unskilled labourers with a reduced number of props when compared to conventional slabs.

Beam Advantages:

- More cost effective than conventional cast in situ;
- Easy to handle with no crane required;
- Quick to erect/install;
- Can be split along the length to allow for lighter weight;
- Minimal shuttering and propping required and quick to strip;
- Additional bottom tensile steel designed to suit spans and loads.

COLUMNS

The moulds, patented by Shuttercrete, provide for the casting of 230mm and 280mm square columns, which are 3m in length. The columns can be delivered to site and the installation simply involves lifting the columns into place over the reinforced column base, plumbing it and sliding in the required steel cage, as specified by the Engineer columns are ready to cast in approximately 30 minutes.

Column Advantages:

- Easy to handle with no crane required;
- Quick to erect/install. (e.g.: A 3m column can be erected and ready for casting in ± 2 hours by 4 unskilled labourers);
- Minimal shuttering required;
- Outside face has an excellent finish due to use of steel moulds in the factory, thus making it easier to plaster.

STAIRCASES

By using an adjustable template on the beam mould (designed by Shuttercrete), the pattern of risers and treads along the stair stringer was created to have an easy precast staircase. The basic components are the same as those of the decking system by Cobute (i.e. precasts panels and ribs).

Staircase Advantages:

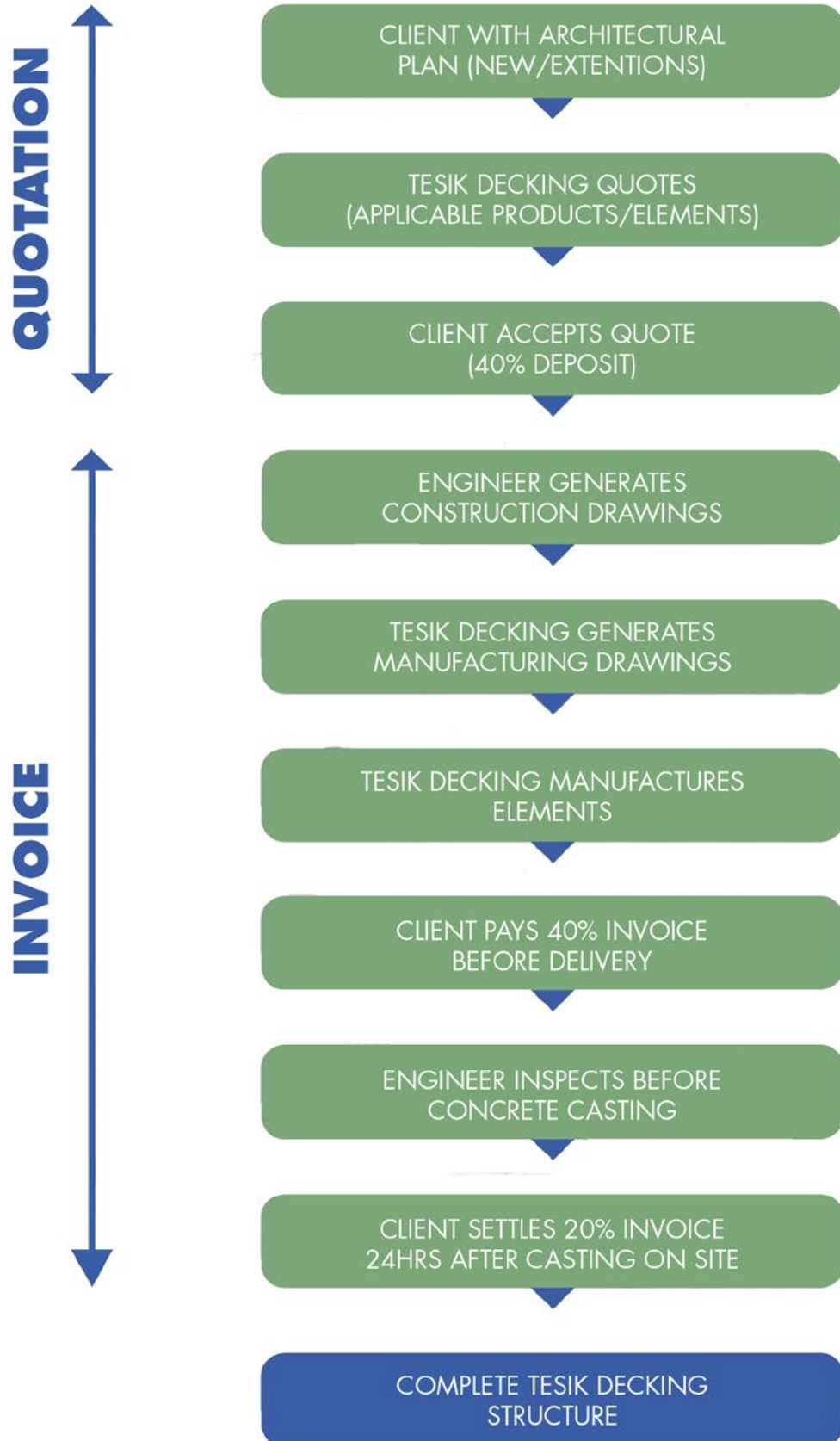
- The stepped side panels are precast to suit any combination of risers and treads using single adjustable moulds;
- The beams are precast to include the landings and allow for any angle. This can be assembled on site utilizing, splice bars and concrete at the joint. This eliminates any irregularities in the sides of each riser or tread;
- Easy to handle with no crane required;
- Quick to erect / install;
- A simple staircase can be erected, ready for casting in ± 90 minutes by 4 unskilled labourers;
- Once again, minimal shuttering is required.

LINTELS

We manufacture prestressed lintels. Our sizes range from 900mm (0.9m) to 3300mm (3.3m) in increments of 300mm (0.3m).

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TESIK DECKING TRANSACTION FLOW DIAGRAM



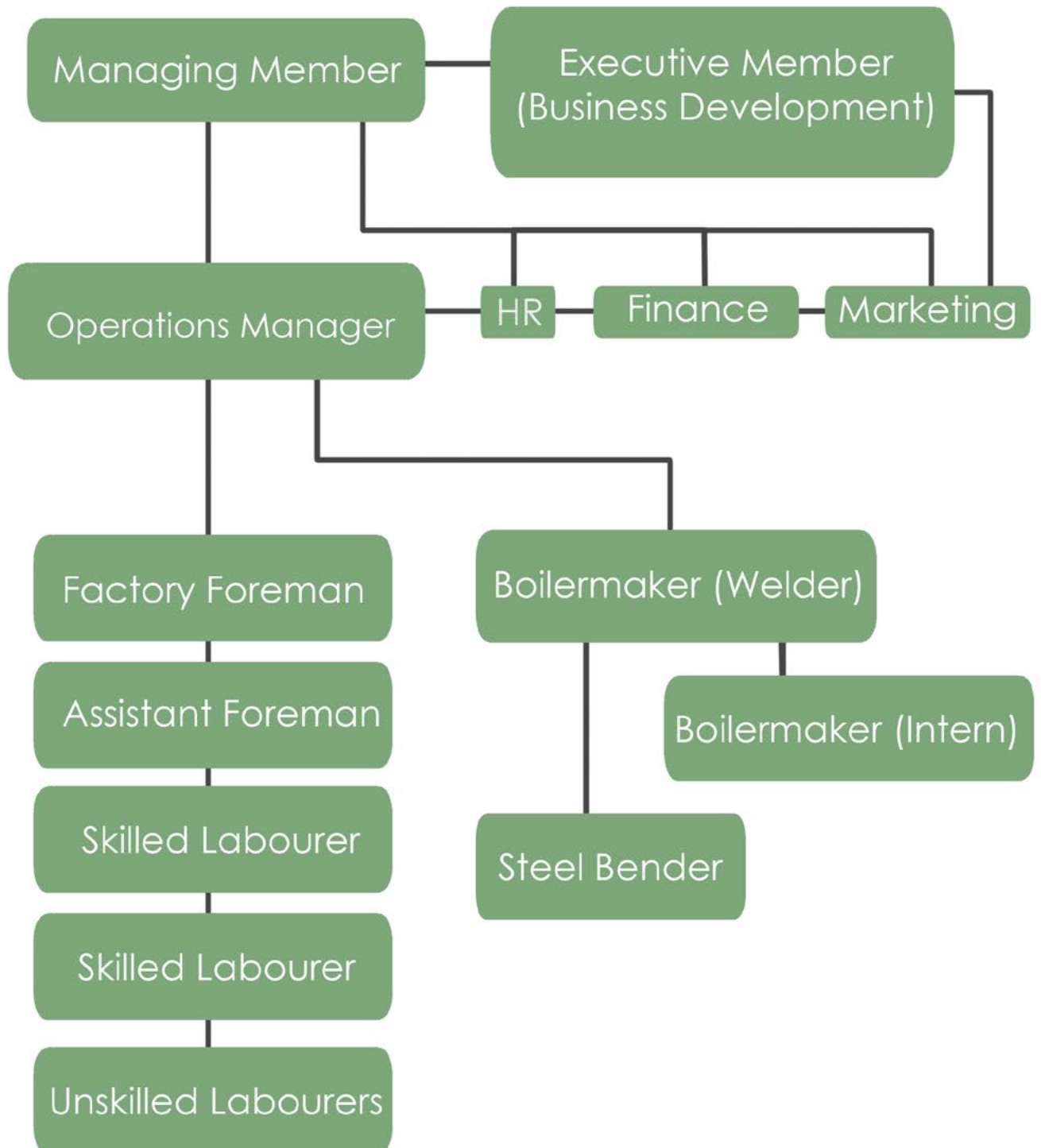
TESIK DECKING MANUFACTURING PROCESS



COMPLETED PROJECTS

PROJECT	CLIENT	ELEMENTS
Olivia Estate, Windhoek	NMC Namibia	Beams
Erf 40, Waterfront, Swakopmund	Rino Construction	Slabs, Beams
Erf 37, Vinetta, Swakopmund	FBJ Construction	Slabs, Beams
Casa De Paz, Eisenheim, Windhoek	Nexus Building Contractors	Staircase
Erf 2329, Fairview, Walvis Bay	Simeon Kahona	Slabs, Beams, Staircases
Erf 5678, Kramersdorf, Swakopmund	AW Construction & Maintenance	Beams
Erf 5277, Oceanview, Swakopmund	Steyl Investment Group	Slabs, Beams, Staircases
Erf 744, Grootfontein	Lucy Mukoja	Slabs, Beams, Columns, Staircases
Erf 906, CBD, Grootfontein	Asser Iyambo	Slabs, Beams, Columns, Staircase
Erf 4499, Vineta, Swakopmund	Colin Klein	Beams, Staircase
Erf 2421, Kramersdorf, Swakopmund	S.W. Constructions	Beams
Erf 229 Langstrand, Walvis Bay	Owela Investment	Slabs, Beams, Staircases
Erf 80, Walvis Bay	Versitile Construction	Slabs
Erf 4382, Mondesa, Swakopmund	Heiner Schlusche	Slabs, Beams, Staircases

ORGANOGRAM





MEMBERS

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B-Tech (Civil: NMMU), BBA (NMMU), (IE - 2016 - 5)

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OUR PARTNERS



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