

## Quotation Proposal

For the installation of Sanika's Insulative Boarded Waterproofing system at the Boksburg Correctional Services - Portion 1  
(Workshop areas of installation 3)

Sanika Reference: **SAN7030-16**

Date: **November 3rd 2016**

Prepared for: **Gidfrey Wright**  
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Sanika Waterproofing



Dear Gidfrey

We thank you for affording us the opportunity to quote you on the above work, Our proposal is as follows:

## Company Profile

Sanika waterproofing has been firmly entrenched in the specialist waterproofing, industrial coating and roofing industry since 1987.

Sanika Waterproofing, a level 3 BEE compliant provider, are the exclusive approved distributors and applicators of Kryton Crystalline Waterproofing Products for Southern Africa. The Kryton systems are applied by internationally accredited staff and teams and the application methods adhere to the stringent worldwide Kryton standards. To date, Sanika are the successful applicators of the World's longest crack repair using the Kryton product range.

During this time, we have been instrumental in developing and manufacturing unique, high quality industrial and mining roofing and waterproofing systems. These include patented and registered roofing systems and specialised cladding and sheeting systems; a custom developed sheet locking system and numerous waterproofing membranes, coatings and compounds.

Our Profile has been extensive within the Commercial, Industrial and Mining spheres and we pride ourselves in preparing long term cost effective high quality concrete rejuvenation and waterproofing solutions, painting and waterproofing coating systems nationwide.

Sanika are currently actively involved in roofing and waterproofing consultation, water management and corrosion protection systems and concrete crack repair, rejuvenation and concrete waterproofing in the Commercial and Industrial Industries.

All our systems and application methods are designed to offer maximum protection over the longest period of time whilst maintaining cost effectiveness and guaranteed client satisfaction.

Our company is structured to offer prompt and professional service at all times to ensure uninterrupted service to your facility. Our professional staff compliment have all undergone extensive training on the application of the products and services we offer and they too pride themselves on exceptional service and quality standards.

We have vast experience in the commercial environment as can be seen from our references below.

Our registered systems and application methods have already been proven and approved by senior engineering management at:

**Impala Platinum**  
**Investec Property Services**  
**Mnet (NMSCOM / Multichoice)**  
**Impala Platinum Minpro**  
**The South African Breweries**

**Anglo American**  
**Growthpoint Properties**  
**Broll Properties**  
**Liberty Properties**  
**Rand Refineries**

**Tiger Brands**  
**Johnson Matthey**  
**JHI**  
**Sanlam**

## **Boksburg Correctional Services**

### **Survey**

After an intensive site survey of the above mentioned building (Boksburg Correctional services), the following was noted:

The existing sheeting on these roofs is in poor condition with multiple points of water ingress with severe corrosion evident on the sheets. Due to poor installation methods and a low pitch situation water penetration is occurring around flashing details, fasteners and sheet joints, causing damage to the ceilings, equipment and living quarters below.

A poor attempt at waterproofing these roof areas has been conducted multiple times and it is in our professional opinion that the entire indicated roof area must be clad (with an insulative boarded waterproofing system) and correctly waterproofed in order to prevent further costly structural damage and damage to the contents below.

### **Sanika's insulative Boarded System**

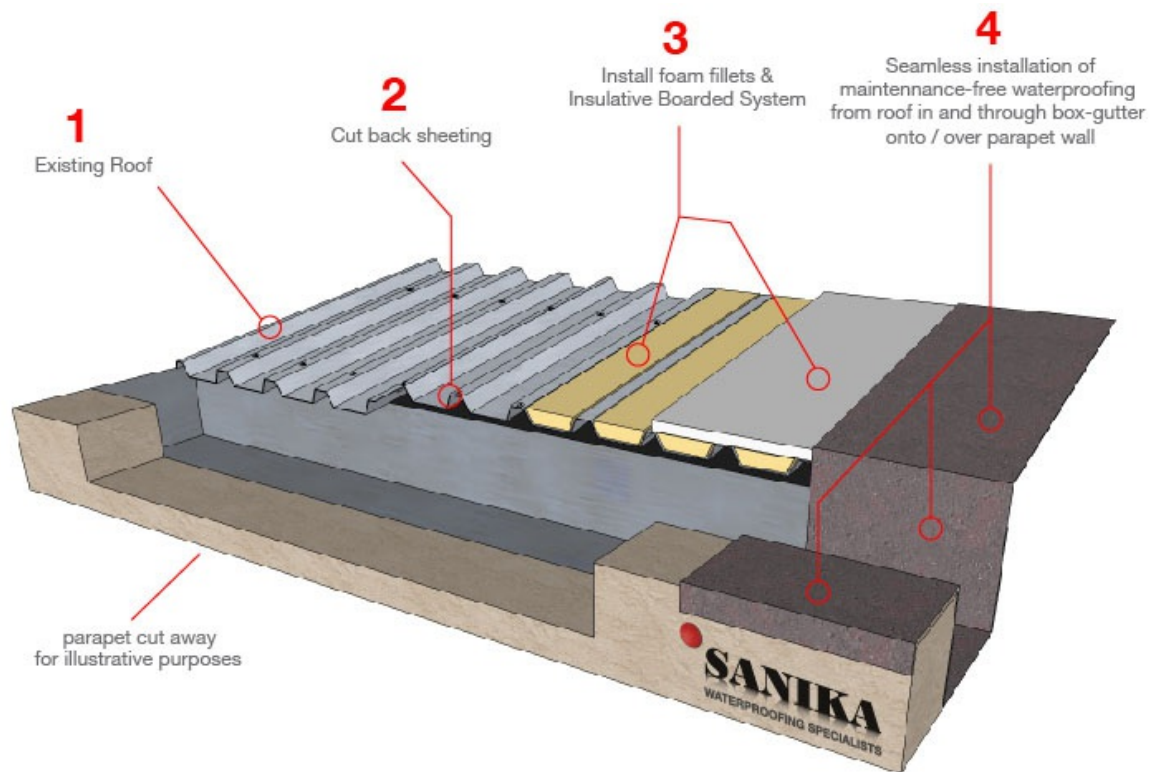
We recommend a cladding system to alleviate this water ingress and prevent further sheet corrosion and subsequent costly replacement of the sheets which will be extremely time consuming, invasive and will not add any insulative, sound proofing and waterproofing properties. The new sheets will also be dramatically thinner than the original sheets (sheets would have to be waterproofed after installation)

Sanika have developed a roof cladding system that is comprised of industrial grade high density polystyrene boards blended with industrial grade polyurethane adhered together under high pressure to a flame retardant fibre cement board and laser cut fire retardant fillers to suit sheeting profile.

**This system will eliminate any water penetration and external thermal radiation by application of a laminated insulative panel, profiled to the sheet design and topped with a maintenance free torch on membrane which renders the roof area totally waterproof. The Sanika insulative boarded waterproofing system drastically decreases the hail and rain noise on the roof and the insulative properties result in thermo stabilization during the cold Winters and harsh Summer months.**

This system has successfully been utilized over the last 20 years and has been installed in many areas including Mnet Supersport, Outside Broadcast, Growthpoint Properties, Spar Group, JHI Properties, Liberty Properties – Sandton City SA Breweries and Impala Platinum Refineries and has seen vast reduction of thermal energy within these areas and is a completely sealed and corrosion free roofing system

The installation of this insulative and totally waterproof system eliminates the need for any stripping of the existing roof as the scope of work is performed from the top side and uses the existing sheeting as a support platform.



### Scope of Work

- Establish site and safe working procedures in accordance with OSH and client requirements
- Install high density, fire retardant polyurethane fillets laser cut to sheet profile for insulation and sound reduction purposes
- Mechanically install the Sanika pre-manufactured light weight boarded system, comprising of high density fire retardant polystyrene panels adhered, under pressure, to fibre cement fire proof boards.
- Prime entire upper surface of newly installed Sanika boards with heat activated bitumous waterproofing primer.
- Install 4,5mm mineral surface maintenance free heat bonded industrial grade torch on waterproofing membrane. If necessary torch into and through box gutters to ensure one complete continuous waterproofing layer incorporating the original roof area and the box gutter into one seamless waterproof structure.
- Terminate all waterproofing, protrusions, up stands and wall to metal roof flashings to manufacturers specification using non-woven polyester waterproofing membrane impregnated with 100 percent pure acrylic waterproofing compound.
- Clean and de-establish site

## Price Structure

(Prices exclude V.A.T.)

<b>Sanika's insulative Boarded System</b>	<b>R10,537,662.08</b>
P's and G's	R157,500.00
<b>Total</b>	<b>R10,695,162.08</b>

### P's & G's:

The above quotation includes the following P's & G's

- Site establishment, Access equipment, Medicals, Inductions and Safety file

<b>Total for all P's &amp; G's</b>	<b>R157,500.00</b>
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### The above price structures includes:

- All Materials required to complete the full scope of work described above.
- All labour (skilled).
- Onsite Trained Supervisors.
- All tools, machinery and equipment.
- Staff PPE and all relevant safety equipment.
- Site Establishment
- Scaffolding

### The following price structure excludes:

- Skip Hire (Rubble)

### Guarantee

The sections above are all guaranteed for a period of TEN years (to the mineral maintenance free torch on membrane) with minor maintenance to flashing details at client's expense (every 30-36 months).

### Terms and Conditions:

- All above prices Exclude VAT and are valid for 30 days.
- Any errors and/or omissions are excluded.
- Any guarantees offered will only come into effect once the contract is complete and the contract amount has been paid in full.
- Whilst the utmost care and stringent safety procedures are followed, Sanika cannot be held liable for any damages or breakages of the surrounding areas (including tiles) and or injuries to persons whilst working on the roof.
- Pricing outlined above excludes tiling and tiles. Tiles to be purchased by client and installed by others.
- A 60% deposit is required on order with balance payable on completion of the job.
- Pricing above is outlined for all sections to be done concurrently.
- Client is responsible for the integrity of the underlying substrate for adhesion of waterproofing materials.

### Personnel

All Sanika staff to be utilised on site are highly experienced

All Sanika staff are covered by Workman's Compensation insurance and all projects are covered by consequential damage and public liability insurance.

### BEE Status

Sanika has a certified verification of a Broad Based Level 3 Contributor

## References

We have successfully completed many projects nationwide within the following major Industrial groups. Please feel free to contact any of the following:

Mr. Paul Finney	Group Executive Impala Platinum Refineries Springs
Mr Andy Gascoyne	Plant Engineer Impala Platinum PMR
Mr Joseph Roux	Engineering Manager Impala Platinum BMR
Mr Des Heaney	Head Capital Procurement Impala Platinum Springs
Mr Burt Evans	Capital Procurement manager Impala Platinum Refineries
Mr Phil Bowker	Bowker Greaves Partnership
Mr J Verwey	Senior Engineer Growth Point Properties
Mr G Bodilly	Project Manager - KZN JHI
Mr J Boer	Engineering Manager East Rand Mall
Mr G. Puckle	Engineering Manager Johnson Matthey Group
Mrs. A. Tosen	M-Net Group Properties (NMSCOM) Randburg
Mr M Stephanou	Spar Stores
Mr K Khumalo	Project Specialist Liberty Properties
Mr G Von Der Becke	Growthpoint Properties
Mr A Amien	Tiger Brands
Mr V Bhana	Project Engineer G & H Consulting Engineers
Mr Bruce Hansen	Lead Project Engineer G & H Consulting Engineers
Mr Hannes Weppener	Project Director / Engineering Manager Impala Minpro Rustenburg
Mr Mario Portela	Senior Engineer Semane Civil & Structural Engineers Impala Platinum Projects
Mr Jimmy Ioannou	JIA Waterproofing Consultants