



# EXCELLENCE

IN TURN KEY  
total building

# ENVELOPE SOLUTIONS

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# MRC Group's 'Cradle to Grave' Services



**BUILDING ENVELOPE INSPECTION**



**METAL ROOFING AND CLADDING**



**GREEN & RENEWABLE TECHNOLOGIES**



**'COOL ROOF' WATERPROOFING**



**THERMAL & PROTECTIVE COATINGS**



**FIREWALL SYSTEMS**



**BUILDING ENVELOPE MAINTENANCE**



**GUARDIAN SYSTEM WARRANTY**

# Welcome to the

A world that illustrates the extent of the MRC Group's Total Building Envelope backed with an all encompassing single source warranty from design,

**High Security Built up Metal Roof & Cladding Systems.**  
 'Cutting Edge' Metal Roofing & Cladding built up systems providing differing levels of security and protection whilst still achieving fire, thermal and acoustic project specific requirements.

**Refurbish Rusty Metal Fencing Systems.**  
 Specialist on-site electrostatic coating of existing fences, pipework and plant to extend the materials life for over 10 years even in aggressive environments.

**'Cool Roof' Thermal Waterproofing Systems.**  
 The largest range in Africa of 'Cool Roof' Thermal Coatings for existing flat & pitched roofs which significantly reduces the temperature with your building.

**Educational Property Solutions.**  
 Thermal, acoustic and secure Building Envelope Solutions that maximise the learning experience for the pupil.

**Specialist Surface Treatments.**  
 From basement coatings, Anti-skid car park treatments, to water resistant hydrophobic paint systems for roofs, walls and floors.

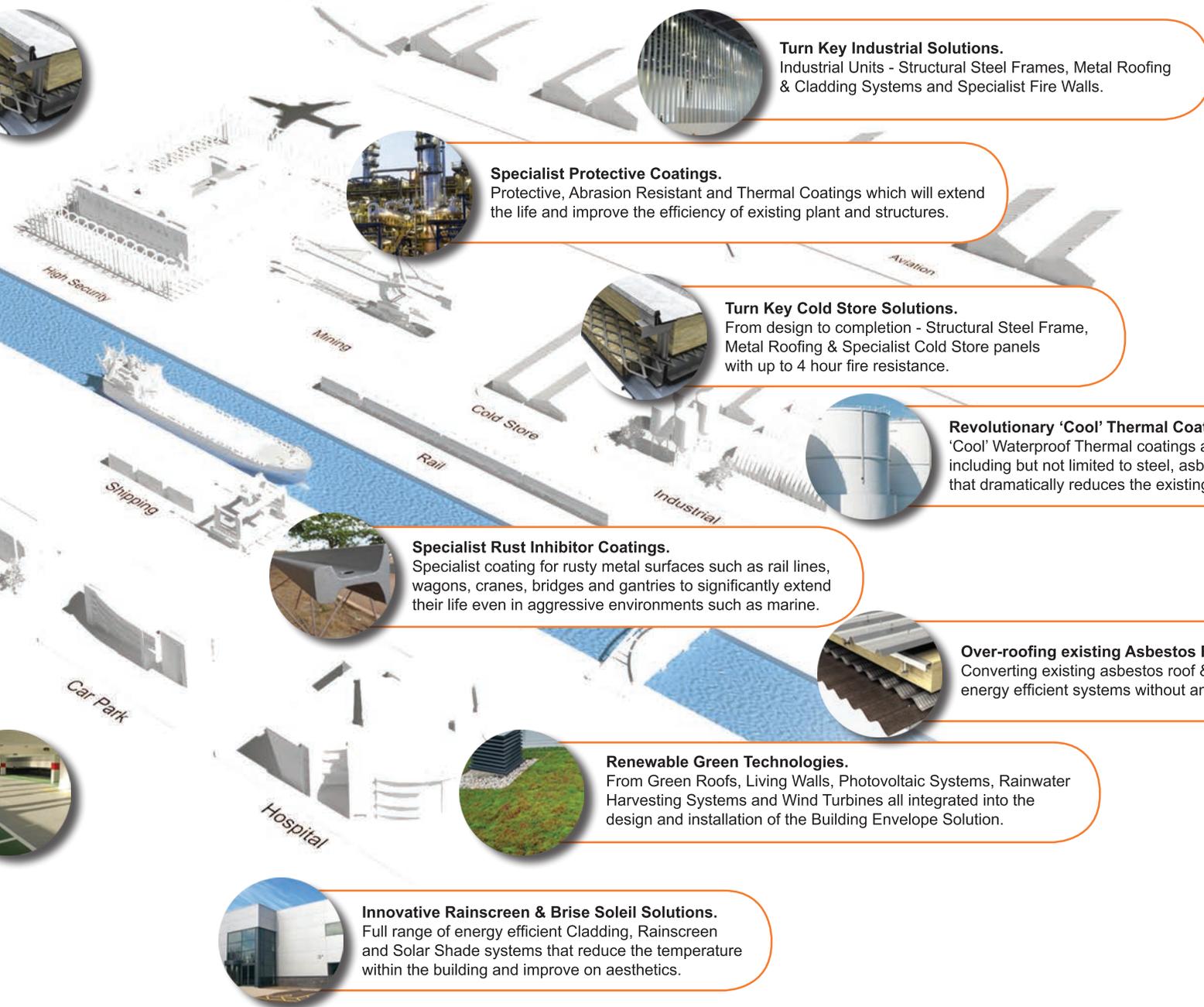
Commercial

Educational

**MRC Group's 'Cradle to Grave' Total Building Envelope**

# World of MRC

Envelope Solutions and how we integrate perfectly all the solutions supply, installation and through to maintenance for up to 20 years.



**Turn Key Industrial Solutions.**  
Industrial Units - Structural Steel Frames, Metal Roofing & Cladding Systems and Specialist Fire Walls.

**Specialist Protective Coatings.**  
Protective, Abrasion Resistant and Thermal Coatings which will extend the life and improve the efficiency of existing plant and structures.

**Turn Key Cold Store Solutions.**  
From design to completion - Structural Steel Frame, Metal Roofing & Specialist Cold Store panels with up to 4 hour fire resistance.

**Revolutionary 'Cool' Thermal Coatings.**  
'Cool' Waterproof Thermal coatings applied to various surfaces, including but not limited to steel, asbestos, bitumen materials that dramatically reduces the existing surface temperature.

**Specialist Rust Inhibitor Coatings.**  
Specialist coating for rusty metal surfaces such as rail lines, wagons, cranes, bridges and gantries to significantly extend their life even in aggressive environments such as marine.

**Over-roofing existing Asbestos Roof & Walls.**  
Converting existing asbestos roof & wall systems to energy efficient systems without any stripping & disposing.

**Renewable Green Technologies.**  
From Green Roofs, Living Walls, Photovoltaic Systems, Rainwater Harvesting Systems and Wind Turbines all integrated into the design and installation of the Building Envelope Solution.

**Innovative Rainscreen & Brise Soleil Solutions.**  
Full range of energy efficient Cladding, Rainscreen and Solar Shade systems that reduce the temperature within the building and improve on aesthetics.

**Solutions with a Single Source all encompassing Warranty**





# INTRODUCTION

*Welcome to the World of the MRC Group – Africa’s Leading Refurbishment, Upgrading & New Build ‘Cradle to Grave’ Total Building Envelope Solutions Service.*

*The complete Inspection, Design, Specification, Delivery, Installation and Maintenance solution for the Total Building Envelope. Our service incorporates market leading and revolutionary solutions for the African market which is backed with an up to 20 year Warranty.*

MRC Group is an industry leading service provider that specialises in Metal Roofing & Cladding, Green & Renewable, Waterproofing, Fire-wall and Specialist Coating Systems. MRC Group proudly works with national and international clients in offering them holistic turn-key solutions that caters for the entire Building Envelope.

MRC Group with 4 strategically located regional offices, provides our clients with Design Freedom, Cost Efficiency, Sustainability and Distinctive Individuality, from a single source provider.

## MARKET SECTORS IN WHICH WE OPERATE

Commercial, Industrial, Retail, Governmental, Education, Defence, Transportation and Mining market sectors. MRC Group operates Internationally & Nationally through our regional operational supply chain, ensuring all our clients are provided with local support on framework agreements or individual projects.

## TYPE OF CONTRACTS WE UNDERTAKE

From Individual Contracts on bespoke Buildings, to International & National framework agreements on vast Property Portfolios.



**EXCELLENCE IN TOTAL BUILDING ENVELOPE SOLUTIONS**

**MRC’S TURN KEY ‘CRADLE TO GRAVE’ SERVICE! FROM DESIGN THROUGH TO MAINTENANCE FOR UP TO 20 YEARS!**

MRC Group provides a comprehensive turn-key service putting our clients at the heart of all the decisions whether its just one of our disciplines or the complete Building Envelope Solutions.

Our unique turn key offering, from ‘cradle to grave,’ provides all our clients with peace of mind, not just

during the on-site works but throughout the life of the warranty, through our carefully formulated specialist maintenance support service, ensuring the performance of your building envelope.





# MRC SERVICES

A truly 'cradle to grave' Building Envelope Solutions Service where we partner with you in designing, delivering, installing and maintaining your entire Building Envelope and offering you an up to 20 year Warranty.



## METAL ROOFING AND CLADDING

MRC Group is revolutionising the metal roofing & cladding industry in Southern Africa, focused on the delivery of the highest quality, energy efficient metal roofing & cladding systems, complete from roof inspection, design, installation through to maintenance for the life of the warranty.



## GREEN & RENEWABLE TECHNOLOGIES

MRC Group's commitment to social, economic and environmental concerns is highlighted in our turnkey design, installation and maintenance of all the latest proven and most complete suite of Green Roof technologies with an international track record. These technologies are seamlessly integrated into our Metal Roofing and Flat Roofing Waterproofing Systems.



## 'COOL ROOF' WATERPROOFING

MRC Group specializes in internationally recognised, environmentally friendly 'Cool Roof' Waterproofing coatings for all types of existing roofs and gutters in the commercial, industrial, retail and mining sectors in Southern Africa.



## THERMAL & PROTECTIVE COATINGS

MRC Group's Thermal Coatings enable us to provide extensive solutions to areas that may fall outside of the normal Building Envelope, such as, pipework, silos, storage tanks and transportation vehicles to name but a few. The Thermal Coatings protect and vastly improve efficiency on the applied surface, whether it's to inhibit rust or temperature control.



## FIREWALL SYSTEMS

MRC Group's lightweight Firewall, Ceiling and Partitioning Systems deliver an optimised solution for a wide range of applications, offering the performance and versatility demanded by today's passive fire protection industry.



## MAINTENANCE

MRC Group offers a comprehensive maintenance service, where we take care of our clients Building Envelope. We will design and implement a schedule that will save our clients time and money.



## GUARDIAN SYSTEM WARRANTY

MRC Group's commitment to excellence doesn't end after completing the works on-site, with our 'Guardian' Warranty we take responsibility throughout the whole construction process from design, delivery, and installation and continues through to maintenance for up to 20 years, providing our clients with real peace of mind.



# METAL ROOFING AND CLADDING

MRC Group is revolutionising the metal roofing & cladding industry in Southern Africa, focused on the delivery of the highest quality, energy efficient metal roofing & cladding systems complete from roof inspection, design, installation through to maintenance for the life of the warranty.

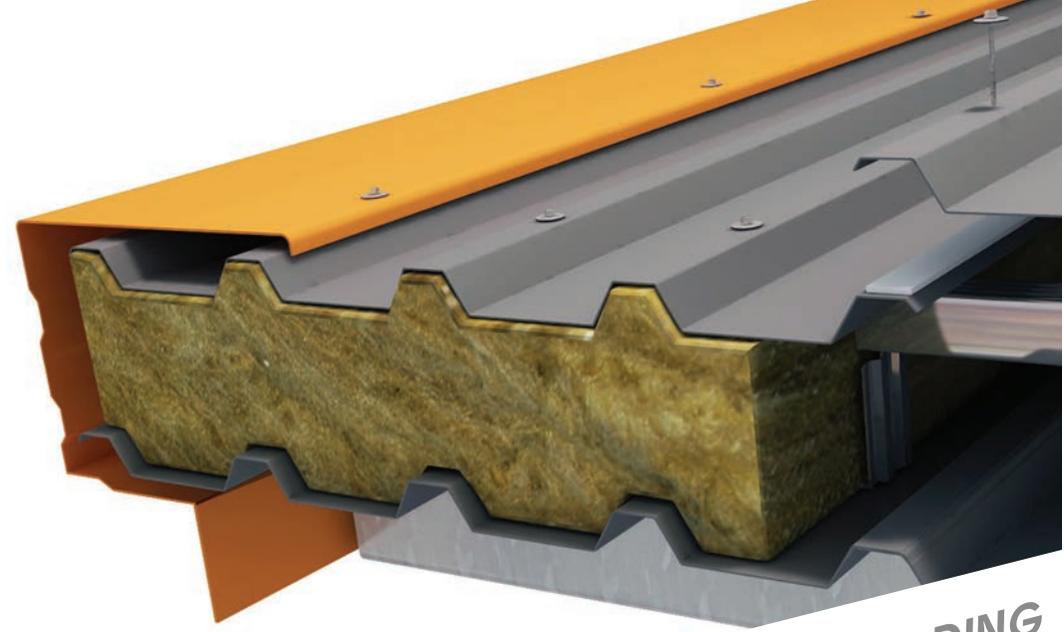
We pride ourselves on setting industry standards and providing unique, innovative, safe to install metal roofing and cladding solutions – saving time and money – constantly creating possibilities and ensuring quality.

## METAL ROOFING & CLADDING SOLUTIONS

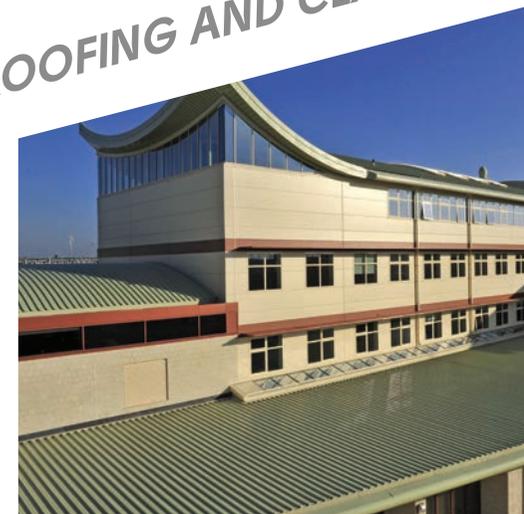
- Strip & Re-Sheeting existing Commercial & Industrial roofs keeping the building operational during the works.
- Over-Roofing Asbestos Roofs without the need to dispose of the existing roof.
- Over Sheeting existing Metal Roofs and Cladding converting and upgrading to energy efficient buildings.
- New Build Energy Efficient Metal Built Up Roofing and Cladding Solutions for Acoustic, Thermal & High Security Systems.

**MRC Group's excellence in Metal Roofing and Cladding Solutions is backed by the, up to 20 year, 'Guardian' Warranty, Including design, installation and maintenance**

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**EXCELLENCE IN METAL ROOFING AND CLADDING**





# METAL ROOFING AND CLADDING

- Specialist Acoustic Metal Roofing & Cladding Systems that absorb sound, reduces rain drumming or keeps sound within / out of the building.
- Thermal Metal Roofing Systems that can provide R-Values of up to 10 (m<sup>2</sup>.K/W).
- Industry leading High Security Roof, Wall & Floor systems designed to reduce the speed that a person can break-in through the Building Envelope.
- Flat to Pitch lightweight steel roof conversions providing a long term metal solution to failed flat roofs.

## METAL ROOFING & CLADDING PRODUCTS

- All Pierced Fix Sheeting.
- Concealed Secret Fix Roofing & Cladding Systems.
- Zip Up Standing Seam Metal Roofing Systems.
- Composite Insulated Roofing & Cladding Panels.

MRC Group is one of the leading contractors in reducing the impact of the generation of energy, to keep buildings cool or warm, and designing & installing the safest, highest quality roofing systems ever seen in southern Africa.

**MRC Group's excellence in Metal Roofing and Cladding Solutions is backed by the, up to 20 year, 'Guardian' Warranty, Including design, installation and maintenance.**

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**EXCELLENCE IN METAL ROOFING AND CLADDING**





## GREEN & RENEWABLE TECHNOLOGIES

MRC Group's commitment to social, economic and environmental concerns is highlighted in our turnkey design, installation and maintenance of all the latest proven and most complete suite of Green Roof technologies available from around the world, integrated into all our Metal Roofing and Flat Roofing Waterproofing Systems.

### GREEN ROOFS

MRC's Green Roofing systems can be installed onto both our metal pitched roofs and the flat roofing systems. Extensive and intensive systems are available with a wide range of local indigenous vegetation to suit the location of the site.

### LIVING WALLS

MRC's Living Wall systems has been engineered to receive water and nutrients from the vertical support system providing a self sufficient vertical garden that allows the plants to grow to their full potential. Our systems can be used for external and internal applications.

### RAINWATER HARVESTING

MRC's Rainwater harvesting systems provide distributed stormwater runoff containment while simultaneously storing water which can be used for irrigation, flushing toilets, washing clothes, washing cars, pressure washing, or it can be purified for use as everyday drinking water.



EXCELLENCE IN GREEN & RENEWABLE TECHNOLOGIES



**MRC Group's excellence in Green & Renewable Solutions is backed by the, up to 20 year, 'Guardian' Warranty, Including design, installation and maintenance.**

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# 'COOL ROOF' WATERPROOFING

MRC Group specialises in internationally recognised, environmentally friendly 'Cool Roof' Waterproofing coatings for all types of existing roofs and gutters in the commercial, industrial, retail and mining sectors in Southern Africa.

MRC's 'Cool Roof' Technology coatings reflect or dissipate the sun's rays on your roofs and gutters, therefore reducing the surface temperature of the roofing material that can be as hot as 80 degrees Celsius. Any heat on a roofing or cladding material will cause thermal expansion which if not designed correctly will cause long term waterproofing problems.

Whilst our 'Cool Roof' waterproofing coatings reduce the surface temperature of the roofing and cladding material and therefore minimises the thermal expansion, it will dramatically reduce the air temperature within the building and therefore reduce cooling and heating costs.

All our 'Cool Roof' Waterproofing systems are backed with an unrivalled warranty of up to 20 years, even under permanent ponding conditions.

Virtually any kind of flat or low pitched roof can be waterproofed with our vast range of coatings.

***MRC Group's excellence in Waterproofing Solutions is backed by the, up to 20 year, 'Guardian' Warranty, Including design, installation and maintenance.***

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**EXCELLENCE IN 'COOL ROOF' WATERPROOFING**





## THERMAL COATINGS

MRC Group's range of Thermal Coatings enable us to provide extensive solutions to areas outside the normal Building Envelope. These areas and items can be identified where materials, liquids and gases within vessels and pipes need to be kept hot or cold can have our thermal coating applied to the transporting method such as pipework, silos, tanks and transportation wagons, thereby dramatically enhancing the ability to insulate.

MRC's specialist Thermal Coatings are unique and internationally recognised – saving you money, time and carbon emissions in keeping materials, liquids and

gases either cool or hot.

MRC's Thermal Coatings dissipate any hot or cold temperatures that affects the material of the vessel or pipe, creating a thermal insulating barrier, thereby ensuring the material, liquid or gas within the vessel stays hotter or cooler for longer. The Thermal Coating can be applied with either a brush, roller or sprayer depending on the requirements of the project.

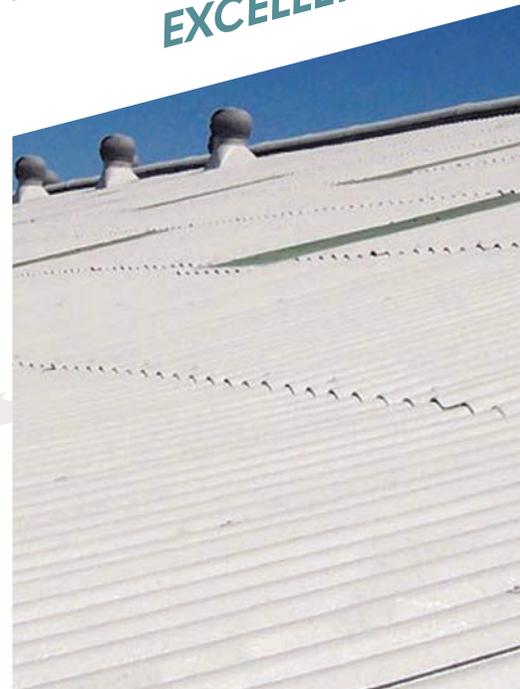
Virtually any kind of material can be thermally coated and be waterproofed with our vast range of coatings.

***MRC Group's excellence in Thermal Coating Solutions is backed by the, up to 20 year, 'Guardian' Warranty, Including design, installation and maintenance.***

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**EXCELLENCE IN THERMAL COATINGS**





# PROTECTIVE COATINGS

MRC Group's vast range of Abrasion Resistant and Rust Inhibitor Protective Coatings provide cutting edge solutions to refurbishing rusty items such as industrial plant, pipework, fencing, tanks, silos, bridges, overhead gantries, cranes, shipping containers, trains and associated wagons, to name a few of the applications.

MRC's Protective Coatings are backed with a 10 year warranty even on rusty steel in the most aggressive industrial conditions or marine environments.

Using MRC's Protective Coating provides long-term asset protection, ensures minimal disruption, as all of our coatings can be applied on-site with a factory finish.

**MRC Group's excellence in Protective & Abrasion Resistant Coating Solutions is backed by the, up to 20 year, 'Guardian' Warranty, Including design, installation and maintenance.**

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**EXAMPLES:** Instead of replacing your rusty wire steel mesh or steel palisade fencing, we can apply our Rust Inhibitor Coating, minimising the over spray by applying it on-site electrostatically, reducing your overall costs backed with a 10 year warranty even in marine conditions.

MRC's Abrasion Resistant Coatings can be applied to extend the life of transportation systems used in the Mining or Transportation Sectors, where corrosive and abrasive materials such as coal are repetitively moved causing a significant amount of 'wear and tare.'



**EXCELLENCE IN PROTECTIVE COATINGS**





# FIREWALL SYSTEMS

MRC Group's lightweight Firewall & Ceiling Systems deliver an optimised ideal solution for a wide range of applications, offering the performance and versatility demanded by today's passive fire protection industry.

MRC's Firewall range includes Dry-wall, Metal built up and Composite Systems, including associated stud support systems backed with industry leading fire resistance up to 4 hours and satisfies the requirements for compartmentation of the building interior, isolating high risk areas from others and helping, as part of a well-considered fire

safety engineered design, to ensure safe means of escape in the event of a fire.

Our Firewall solutions can be utilized both for external and internal solutions with spans of over 6 metres with single lengths up to 12 metres with an array of non-combustible cores to suit the design brief.

***MRC Group's excellence in Firewall Solutions is backed by the, up to 20 year, 'Guardian' Warranty, which includes design, installation and maintenance***

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**EXCELLENCE IN FIREWALL SYSTEMS**





# SINGLE SOURCE SOLUTIONS

MRC Group's Single Source Solutions is the combination of utilizing all of MRC's disciplines coupled with our proven supply chain to provide bespoke cost efficient structures and building envelopes for the Industrial, Educational, Commercial, Mining, Agricultural and Food Production & Storage sectors.

With over 20 years of local and international experience in all aspects of the construction industry and our local valued supply chain, MRC Group blends the latest construction technologies with high

quality, proven construction practices to deliver innovative buildings on time and within budget.

Through innovative design and carefully selected building Envelope solutions, MRC Group provides modern methods of construction that save money through the operational life of the building, backed with an all encompassing warranty of up to 20 years.

***MRC Group's excellence in Turn-Key Single Source Solutions is backed by the, up to 20 Year, 'Guardian' Warranty, which includes design, installation and maintenance.***

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**EXCELLENCE IN SINGLE SOURCE SOLUTIONS**





## 'GUARDIAN' WARRANTY

MRC's commitment to excellence doesn't end after completing the works on-site, with our 'Guardian' Warranty we take responsibility throughout the whole construction process from design, materials, delivery, installation and continues through to maintenance. Providing our clients with real peace of mind for the works we have undertaken.

'Guardian' Warranty from the MRC Group is an unprecedented, single source, transferable warranty, covering all aspect of the works, which sets us apart from any other Total Building Envelope specialist contractor.

Guarantees and warranty's should be a key part of any Total Building

Envelope Solution, and the integration of the various components including their installation is often over-looked or misunderstood.

Most clients don't read the 'small print' and often only do so when it is too late. Most if not all of the components that make up Envelope Systems such as fixings through to the roof sheets have their own 'terms of guarantee. These multiple guarantees are often subject to various conditions and actions being met, E.G. correct installation and ongoing maintenance. If the client does not adhere to these 'conditions' then any guarantees become null and void, leaving you holding the bill.

The 'Guardian System Warranty' is simple, we take responsibility for



## EXCELLENCE IN CLIENT PARTNERSHIP

design, material, delivery, installation through to maintenance, working in partnership with our clients, ensuring a waterproof, weather-tight building, performing to the required designed specification, for up to 20 years, giving you a single, all encompassing warranty.



**MRC's commitment to our clients is backed with the, up to 20 year, 'Guardian' Warranty, which includes design, installation and maintenance, working in partnership with our clients.**

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RC



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Cape Town | Nelspruit