

A construction site featuring a large structure under development, heavily scaffolded. Two workers in blue hard hats and safety vests are visible on the scaffolding. The scene is set against a clear blue sky. The image is framed by dark blue diagonal shapes and accented with green diagonal stripes.

COMPANY PROFILE

+ 2025

VERDEX

BUILT TO PERFORM + ENGINEERED TO LAST

A close-up photograph of several horizontal wooden planks, likely from a roof or wall, painted in a vibrant green color. The paint is slightly worn and textured. A white diagonal graphic element cuts across the top-left corner of the image. Centered over the planks is a block of white text.

WE MANUFACTURE **CONSTRUCTION SOLUTIONS** WHERE
INNOVATION MEETS DURABILITY, FUNCTIONALITY, AND
ENVIRONMENTAL RESPONSIBILITY.

TABLE OF CONTENTS

1 INTRODUCTION

- + Why Choose Verdex?

2 GIVING PLASTIC A SECOND LIFE

- + Did You Know?

3 ABOUT VERDEX

- + Who We Are
- + Core Values
- + Leadership Team

4 OUR PRODUCTS

- + Product Categories
- + Product Features
- + Product Specifications

5 COMPARISON TABLE

- + Verdex v.s. Wood

6 INDUSTRIES & APPLICATIONS

- + Construction
- + Mining
- + Domestic Use

7 UPCYCLING

- + The Upcycling Process
- + The Environmental Impact

8 CONTACT US

INTRODUCTION

DRIVEN BY INNOVATION, WE MANUFACTURE CONSTRUCTION PRODUCTS THAT SEAMLESSLY BLEND QUALITY, FUNCTIONALITY, AND A COMMITMENT TO ENVIRONMENTAL RESPONSIBILITY.

At Verdex, we're transforming the way industries think about waste. By turning landfill-bound plastics into **durable, high-performance shutter boards**, we're not just providing building materials – we're building a sustainable future.

Ideal for construction and mining industries, Verdex boards offer unparalleled durability, cost-efficiency, and environmental benefits.

+ WHY CHOOSE VERDEX?

1. ENVIRONMENTALLY RESPONSIBLE AND SUSTAINABLE MATERIALS

Reduce your environmental impact by choosing sustainable construction materials. Verdex aligns with current and emerging regulatory requirements for sustainable building practices.

Our innovative process reduce reliance on traditional wood materials, preserving forests while creating high-quality products.

4. USED PRODUCT RETURN

Once the products have been used and are no longer effective or needed, they can be returned to our facility to be reintroduced into our process, further reducing waste on site and ensuring cost savings on future purchases.

2. LONG-LASTING PERFORMANCE

Experience more repetitions per board, reducing material replacement needs and **saving resources over time.**

Our technology offers construction materials that do not absorb water and therefore doesn't diminish over consecutive uses.

5. DURABLE HIGH-QUALITY

Designed for demanding environments, Verdex shutter boards deliver exceptional durability and consistent performance.

3. COST-EFFECTIVE SOLUTIONS

Achieve **significant cost savings** without compromising on performance.

Our boards offer durable and reliable solutions at favourable pricing.

6. SMOOTH CONCRETE FINISHES

Our shutter boards ensure an aesthetically pleasing, smooth finish for cast concrete, adding value to your construction projects.

GIVING PLASTIC A SECOND LIFE

WE UPCYCLE PLASTICS THAT ARE DIFFICULT TO RECYCLE (THE STUFF THAT NO ONE ELSE IS USING) PREVENTING THOUSANDS OF TONS FROM ENDING UP IN LANDFILLS EACH YEAR.

+ DID YOU KNOW?



262 Tons of landfill-bound plastic waste is processed and transformed into valuable construction materials by Verdex every month.



110 000 wheelie bins' worth of plastic is processed per year.



The plastic upcycled by Verdex in 2024 could **fill 285 dump trucks**.



BUILT TO PERFORM + ENGINEERED TO LAST



Mundt Street Wa
www.verdex.com

ABOUT VERDEX

WHO WE ARE

At Verdex, we're passionate about creating solutions that make a real difference.

We're redefining construction with eco-conscious, high-performance building materials that combine innovation, quality, and sustainability.

VISION:

We envision a world where innovation and sustainability go hand in hand.

MISSION:

To revolutionise the use of plastic waste by turning it into functional, high-quality construction materials.

CORE VALUES:

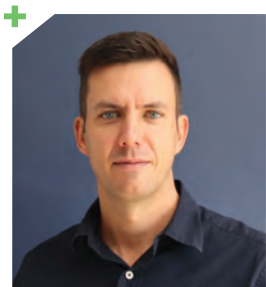
Sustainability + Innovation + Quality
Responsibility + Trust + Integrity.

OUR LEADERSHIP TEAM

Behind Verdex is a team of dedicated professionals who share a passion for innovation, sustainability, and making a positive difference.

Each member of our team plays a vital role in delivering exceptional products while striving for a cleaner planet. We're more than just a company; we're a family committed to fostering growth, creating opportunities, and contributing to a better world. By supporting local job creation, including opportunities for unskilled workers, we're helping to address unemployment while driving change in our industry.

DEWALD MULLER



CHIEF FINANCIAL OFFICER

Managing finances, HR & compliance.

RUHAN RYKAART



CHIEF OPERATING OFFICER

Overseeing operations & manufacturing.

OUR PRODUCTS

HIGH-PERFORMANCE, SUSTAINABLE MATERIALS FOR CONSTRUCTION AND MINING.

We provide a comprehensive **range of eco-conscious shutter boards** designed to meet the demands of modern construction while promoting sustainability.

Our products combine durability, reusability, and cost-efficiency, ensuring that your projects not only perform to the highest standards but also contribute to a cleaner future.

+ PRODUCT CATEGORIES

VERDEX ECO

+

ENTRY-LEVEL BOARDS

Ideal for smaller, underground shuttering applications, these boards offer a cost-effective solution without compromising quality.



VERDEX PLUS

++

MID-RANGE BOARDS

Perfect for horizontal shuttering, these boards provide a reliable and durable option for general construction needs.

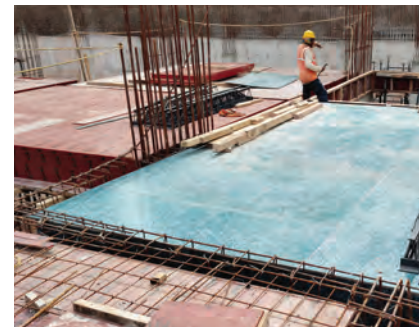


VERDEX PRO

+++

HIGH END BOARDS

Designed for vertical shuttering, these premium boards deliver exceptional performance for more complex and large-scale projects.





PRODUCT SPECIFICATIONS

MATERIAL

100% upcycled plastic waste.

DIMENSIONS

1220 mm x 2440 mm (standard).

THICKNESS

12 mm and 16 mm options.

DENSITY

Approximately 650 kg/m³.

FINISH

Smooth surface for superior concrete results.

LOAD-BEARING CAPACITY

Comparable to or exceeding traditional wood boards.

WATERPROOFING

Highly waterproof and weather resistant.

PRODUCT FEATURES



DURABILITY

Resistant to moisture, rot, and insect damage.



REUSABILITY

High repetition count for cost-effectiveness.



WATERPROOFING

Excellent for wet or humid environments.



ECO-CONSCIOUS

Made from upcycled plastic waste.



CUSTOMISATION

Various grades, thicknesses, and finishes are available.



COMPARISON TABLE

COMPARING VERDEX TO WOOD: THE ECO-FRIENDLY CHOICE

Verdex boards aren't just another construction material. They are engineered to address key industry challenges like **durability, sustainability, and cost efficiency**. Here's how our boards stack up against traditional wooden boards:

FEATURE	VERDEX BOARDS	WOOD
DURABILITY	+ Resistant to moisture, rot, and insects.	✘ Prone to moisture absorption, rotting, and insect damage.
REUSABILITY	+ High repetition count for cost savings.	✘ Lower repetition, leading to more waste.
WATERPROOFING	+ Waterproof and weather-resistant.	✘ Absorbs water, prone to warping.
ECO-FRIENDLINESS	+ Made from upcycled plastic waste, reducing landfills.	✘ Contributes to deforestation, not eco-friendly.

BY CHOOSING VERDEX, YOU HELP REDUCE DEFORESTATION, CONSERVE RESOURCES, AND CONTRIBUTE TO A CLEANER PLANET.

INDUSTRIES AND APPLICATIONS

VERDEX SHUTTER BOARDS ARE IDEAL FOR A WIDE RANGE OF CONSTRUCTION APPLICATIONS.



CONSTRUCTION

Verdex boards are a game-changer in construction, providing moisture resistance, durability, and reusability for various applications:

- + Concrete Shuttering
- + Formwork
- + Temporary Structures
- + Specialised Applications
- + Outdoor Construction



MINING

Designed to endure harsh mining conditions, Verdex boards are reliable for:

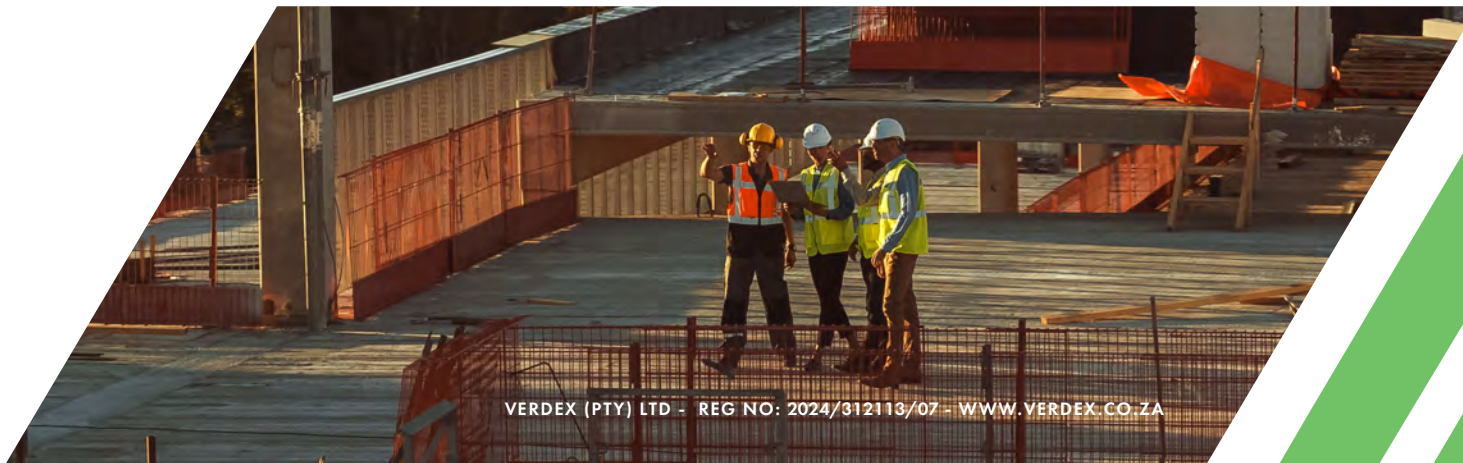
- + Durable Support Structures
- + Temporary Pathways & Platforms
- + Containment Systems
- + Protective Barriers
- + Heavy Equipment Foundations
- + Ventilation Systems
- + Concrete Curing Surfaces
- + Retaining Walls
- + Weatherproof & Chemical Resistance



DOMESTIC USE

Verdex boards bring sustainability and practicality to home improvement and gardening projects:

- + Furniture Construction
- + Outdoor Decking
- + Wall Paneling
- + Kitchen Cupboards & Vanities
- + Garden Features
- + Waterproof Flooring
- + Partitions



UPCYCLING

WE'RE NOT SIMPLY RECYCLING PLASTIC - WE'RE UPCYCLING IT.

While recycling involves **reprocessing materials** into lower-value products, upcycling turns waste into something of higher value and quality. The plastic we use is often not recycled due to challenges in its collection and processing, as well as the lack of a viable market for the recovered materials.

By upcycling this plastic, we give it a second life as a premium-quality shutter board.

+ THE UPCYCLING PROCESS

Our upcycling process adds value by transforming what would be discarded into a resource that's strong, durable, and ready for construction.



1. COLLECTION & SORTING

Sourcing landfill-bound plastics.



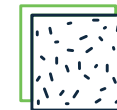
2. SHREDDING

Preparing material for production.



3. HEATING & PRESSING

Creating durable boards.



4. CUTTING & FINISHING

Ensuring quality and precision.

ENVIRONMENTAL IMPACT

Tons of plastic are diverted from landfills, and deforestation is reduced by replacing wood materials.



GET IN TOUCH

CHOOSE VERDEX TODAY - FOR SUPERIOR DURABILITY
AND SUSTAINABILITY.



EMAIL:

info@verdex.co.za



ADDRESS:

325 Mundt Street,
Waltloo, Pretoria,
Gauteng, 0184



PHONE:

084 581 8745
072 020 6774





VERDEX

BUILT TO PERFORM + ENGINEERED TO LAST

INFO@VERDEX.CO.ZA

072 124 2243

325 MUNDT STREET
WALTLOO, PRETORIA
GAUTENG, 0184

WWW.VERDEX.CO.ZA