



**TECHNOPOL SA**  
ENERGY SAVING MATERIALS

# COMPANY PROFILE

30+ Years Experience

2025

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[www.technopol.co.za](http://www.technopol.co.za)  
9 Wright Rd, Nuffield, Springs



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# COMPANY OVERVIEW

Reg. No:1999/019612/07

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## About Us

Technopol SA (Pty) Ltd is a privately held South African company situated at 9 Wright Road, Nuffield, Springs, Gauteng, South Africa.



**95+**

Total Employees



**30+**

Years in business



**1993**

Founding Date



**18000 m<sup>2</sup>**

Size Across 3  
Springs-Based  
Factories



### Vision

To create a future where innovative and environmentally friendly building solutions enhance energy efficiency and thermal comfort in diverse applications.



### Mission

Technopol SA is a leading manufacturer of expanded polystyrene (EPS) products under the LiteCel® brand. Its solutions meet South Africa's SANS 10400 Part XA energy efficiency standards and reflect continuous innovation, particularly through the FRCel® product range. The company emphasizes sustainability, customer service, and advanced insulation performance across all its offerings.



### Our Product Brands

#### LiteCel®

LiteCel® Brand EPS that is a lightweight, durable, & versatile insulation material widely used in construction for its excellent thermal, sound, & moisture-resistant properties.

#### FRCel®

A fire-retardant expanded polystyrene (EPS) insulation material, with B-S1,d0 rating (60mm)- SANS 53501-1 & B1 fire rating-SANS 10177-11 (<120mm), offering predictably safe reaction to fire characteristics. It's also used as a key component in the Terraco/Technopol EIFS Alpha system with SANS 8414-1 certification.

#### LiteCore®

Agrément-certified LiteCore® building block made from recycled EPS & eco-friendly concrete. (SANS 10400-XA -compliant)

#### LiteSpan®

LiteSpan® is a composite ceiling/walling solution featuring Chromadek® or similar finishes with a fire-retardant FRCel® polystyrene core with B-S1,d0 rating (<150mm)- SANS 53501-1 and B1 fire rating-SANS 10177-11 (<120mm) or A1, non-combustible Stonewool insulation core.

#### LiteClad®

Steel cladding solution in various profiles with optional insulation, offering enhanced energy efficiency, modern aesthetics, & long-term durability for residential, agricultural, & commercial projects.

## Certifications & Memberships



### Certifications

ISO 9001, ISO 14001, ISO 45001,  
Agrément SA (2020/609)



### Associations

TIPSASA, EWASA, EPSASA, APIA, SAEEC, CBA










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## Core Products & Solutions

### Insulation & Construction:

	<b>LiteCel™ EPS Sheets</b> Sheets are custom cut to your required size.		<b>Insulated Ceiling, Roof &amp; Metal Cladding</b>		<b>EIFS</b> (Exterior Insulation Finishing System)
	<b>EPS Void Formers</b> (Geofoam)		<b>Insulated Wall &amp; Floor Solutions</b>		<b>2D &amp; 3D Shapes</b>
	<b>EPS Cornices</b>		<b>Pipe Lagging Insulation</b>		<b>Agricultural Insulation Solutions</b>

### Structural Products:

	<b>LiteCore® Bricks</b> Agrément-Certified Lightweight Bricks		<b>Stonewool Insulation</b>		<b>Adhesives &amp; Polymers</b>
	<b>Flashings &amp; Finishes</b> Via in-house steel division				

### Custom Fabrication:

	<b>2D &amp; 3D Shapes</b>		<b>Custom Architectural Elements &amp; Signage</b>		<b>Painted or PVC-coated EPS panels</b>
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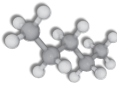





### Packaging:

	<b>Polyworms &amp; Regrind</b>
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## OPERATIONS

### Manufacturing Process

Technopol's vertically integrated process includes:

<b>1</b> Raw Material Preparation 	<b>2</b> Pre-Expansion 	<b>3</b> Molding & Fusion of EPS beads 	<b>4</b> Block Cutting & 3D Shaping 	<b>5</b> Conditioning & Optional Coatings 	<b>6</b> Final Quality Control & Packaging 
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# OPERATIONS

## Distribution

-  Delivery via in-house fleet (Gauteng).
-  Customers outside our delivery area radius may arrange their own transport for collection—We will gladly coordinate to facilitate a smooth handover.



## Industries Served

- ✓ Agricultural (Poultry, Piggery, Abattoir)
- ✓ Residential Construction
- ✓ Retail & Consumer Markets
- ✓ Green Building & Sustainable Development
- ✓ Industrial Construction
- ✓ Architectural Finishes
- ✓ Packaging & Foundries
- ✓ Commercial Construction
- ✓ Cold chain
- ✓ Medical & Pharmaceutical Logistics
- ✓ Decorative Display
- ✓ Landscaping & Geofoam fill

## Technical Services & Customer Support



### Support & Assistance

Technical Consultation, installation guidance, sample provision, CAD drawing services & site assessments.



### Problem Solving

Ongoing problem solving and issue mitigation.



### Multi-Channel Communication

Support is available via phone, email, social media, or on-site — based on customer preference.

## Approach & Methodology



### Personalization

Our solutions are engineered to align with the customer's specific requirements, rather than requiring customers to conform to predefined product parameters.



### Proactive Support

We collaborate with contractors, architects, and developers from the design phase through to installation, offering expert guidance on product selection, compliance, and performance.



### Integrated Offerings

We provide a comprehensive, end-to-end solution to support every stage of construction —from structural core to final finish.



### Trusted Delivery

Our timelines are dependable, and we maintain a commitment to honesty, only promising what we know we can deliver.

# SUSTAINABILITY & GREEN BUILDING FOCUS

## Environmental Commitment

Technopol is committed to sustainable construction by providing recyclable, fire-resistant EPS products and upholding environmental transparency.



### EWASA Member

Technopol SA is a proud member of EWASA, the Polystyrene Association of South Africa, supporting industry-wide efforts in sustainable & responsible polystyrene manufacturing, recycling, & Extended Producer Responsibility (EPR).



### Waste Tracking

EWASA membership requires tracking & reporting waste volumes, supporting our goal of transparent waste management performance.



### Waste Reduction

In-house scrap recovery & reuse processes for production to reduce landfill waste.



### Agrément Certification (2020/609)

Our Agrément certified LiteCore® bricks meet key fire safety standards (120-minute resistance per SANS 10177-2, SANS 10400 Part T, and SANS 428) & is fully compliant with SANS 204 for energy efficiency.



Environmental Management

## Health & Safety Commitment

Technopol implements proactive Risk Management strategies to safeguard worker health and safety.



### Emergency Procedures

Regular drill practices ensuring employees are well-prepared for unforeseen events. Including fire drills, evacuation plans & first-aid protocols.



### Regular Safety Training

Regular training sessions which cover various aspects ensuring employees are informed & prepared to handle any potential hazards effectively.



### Personal Protective Equipment (PPE)

Provision & enforcement of PPE based on the specific work nature of employees to mitigate the risk of injury.



Health & Safety Management

## Quality Commitment



### Continuous Improvement

Our quality assurance processes are continually refined based on customer feedback and evolving standards.



Quality Management