

Corporate & Product Supply Guide

Revision 11 | July 2023



**CONSISTENTLY
DELIVERING**

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Contact Us

Construction Materials

QUARRIES			
Province	Operation	Representative	Contact
Gauteng	Lyttleton (Centurion)	Andrew McKeen	083 327 4550
	Eckraal (Pretoria North)	Leon Alberts	082 825 3663
	Glen Douglas (Henley-on-Klip)	Kalay Naidoo	072 514 2651
Limpopo	Kuipersbult (Lephalale / Ellisras)	Anton Combrink	063 684 2957
Mpumalanga	Dingwell	Juandre Kruger	082 887 7887
	Hartebeesfontein	Andrew McKeen	083 327 4550
	Bushbuckridge Quarry	Juandre Kruger	082 887 7887
KZN	Hluhluwe Aggregates	Charl Crous	083 658 5074
	Vryheid Aggregates	Charl Crous	083 658 5074
	Ulundi Aggregates	Charl Crous	083 658 5074
	Dundee Aggregates	Charl Crous	083 658 5074
	Pietermaritzburg Aggregates	Leon Richards	083 301 9514
	Scottburgh Aggregates	Leon Richards	083 301 9514
	Ladysmith Aggregates	Leon Richards	083 301 9514
Free State	Harrismith Aggregates	Leon Richards	083 301 9514
	Qwa Qwa Aggregates	Leon Richards	083 301 9514
	Bethlehem Aggregates	Leon Richards	083 301 9514
Eastern Cape	Denver	Lloyd Minter	082 874 1436
Western Cape	De Kop	Malcolm Knipe	082 777 9999
	Palmiet	Diaan Venter	082 826 6075
	Stanford	Diaan Venter	082 826 6075
	Driefontein	Diaan Venter	082 826 6075
	Brewelskloof	Bevin Cornelius	083 269 5401
	Smalblaar	Bevin Cornelius	083 269 5401
	Dennegeur	Denleigh Spocter	066 484 7575
	Kliprug	Bevin Cornelius	083 269 5401

READYMIX & CMP			
Province	Operation	Representative	Contact
Mpumalanga	Hazyview	Juandre Kruger	082 887 7887
	Nelspruit	Juandre Kruger	082 887 7887
	Bushbuckridge Readymix	Juandre Kruger	082 887 7887
Limpopo	Lephalale	Anton Combrink	063 684 2957
	Bela-Bela	Gert Theunissen	060 890 8838
Gauteng	Eckraal	Leon Alberts	082 825 3663
KZN	Nongoma RMC	Charl Crous	083 658 5074
	Paulspetersburg RMC	Charl Crous	083 658 5074
	Dundee RMC	Charl Crous	083 658 5074
	Ladysmith RMC	Leon Richards	083 301 9514
Eastern Cape	Denver	Lloyd Minter	082 874 1436
Western Cape	Vredenburg	Sales Department	021 917 8840
	Bredasdorp	Diaan Venter	082 826 6075
	Hermanus	Diaan Venter	082 826 6075
	Worcester	Bevin Cornelius	083 269 5401
	Robertson	Bevin Cornelius	083 269 5401
	Stellenbosch	Jaco van Rooyen	082 415 4960
	Wetton	Johan van Niekerk	082 562 7187
	Paarl	Jaco van Rooyen	082 415 4960
	Killarney	Johan van Niekerk	082 562 7187

PRECAST			
Province	Operation	Representative	Contact
KwaZulu-Natal	Mkuze CMP	Charl Crous	083 658 5074
	Vryheid CMP	Charl Crous	083 658 5074
	Ulundi CMP	Charl Crous	083 658 5074
	Hluhluwe CMP	Charl Crous	083 658 5074
	Ladysmith CMP	Leon Richards	083 301 9514

Contact Us

Construction Materials

PRECAST			
Gauteng	SA Block	Magda De Bruyn	082 454 6068
	Eckraal	Leon Alberts	082 825 3663
Western Cape	Boublok	Christelle Strauss	023 342 3639
CLINKER			
Gauteng	Emfuleni	Alina Molaba	016 366 0321
Free State	Vierfontein	Alina Molaba	016 366 0321
SAND MINES			
Gauteng	Silica	Andrew McKeen	083 327 4550
	Moddergat	Sales Department	021 917 8840
Western Cape	De Anker	Sales Department	021 917 8840
	Vlaktfontein	Sales Department	021 917 8840
	Philippi	Sales Department	021 917 8840
	Olympic	Denleigh Spocter	066 484 7575

Industrial Minerals

Province	Operation	Representative	Contact
Western Cape	Cape Lime Vredendal	Keshev Naidoo	071 301 9480
	Cape Lime Langvlei (Robertson)	Riaan Engelbrecht	082 677 4854
Limpopo	Afrimat - Marble Hall	Paul Botha	076 012 6151
Limpopo	Agri Lime	Henno Pretorius	082 552 3882

Bulk Commodities

Product	Operation	Representative	Contact
Iron Ore	Afrimat - Jenkins	Japie	073 207 8114
	Afrimat - Driehoekspan		
	Afrimat - Doornpan	Katarien	053 492 0499
	Afrimat - Demaneng		
Anthracite	Afrimat - Nkomati Anthracite	Willem	013 492 5557
Manganese		Chris	079 481 9679

Future Materials & Metals

Division	Representative	Contact
Afrimat Hemp	Boshoff Muller	082 452 7283
Afrimat Phosphates Glenover Mine Phosphates Vermiculite Potential Rare Earths	Sales	014 495 5151

Afrimat Mining Services

Division	Representative	Contact
Mining Services	Pierre du Toit	082 411 7475
Mobile Crushing and Screening	Michael Corbin	082 783 6662
Bulk Drilling and Blasting	Brian Cogill	079 883 7314

Head Office

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Corporate Profile

Afrimat is a mid-tier mining and materials company.

The Group was listed on the JSE Main Board in 2006 and is currently listed in the Basic Materials: General Mining sector.

Afrimat has built an impressive track record of excellence as a mining and materials supply company – along with an enviable reputation for consistently delivering exceptional results.

To ensure that Afrimat continues to consistently deliver long-term success and sustainability for the business, as well as to **limit cyclical commodity markets**, the Group has embarked on a **diversification strategy** of constantly searching out more opportunities to grow our product offering.

With a strong, consistent executional ability, Afrimat's dedicated, highly skilled business development team works hand-in-hand through all stages of identification, assessment, product analysis and project implementation.

Opportunities are assessed and approved based on careful analysis, market testing, and research, while assumptions are painstakingly checked by the investment committee and then tested again to uncover as many possible pitfalls as possible before making an offer.

In addition, Afrimat has an intentional strategy to ensure that communities enjoy an inclusive partnership on as many fronts as possible – **part of our commitment to ESG and being a good corporate citizen.**



CONSTRUCTION MATERIALS

- Aggregates
- Readymix Concrete
- Bricks & Blocks
- Building Lime
- Road Lime
- Clinker Supplies
- Silica
- Dolomite
- Metallurgical Dolomite

INDUSTRIAL MINERALS

- Agricultural Lime
- Animal Hygiene Lime
- Feed Lime
- Limestone
- Hydrated Lime
- Unslaked Lime
- Dolomite
- Metallurgical Dolomite
- Metallurgical Calcite

AFRIMAT MINING SERVICES

- Offering full mining services solutions to the construction, quarry, and mining industries throughout Southern Africa

BULK COMMODITIES

- Iron Ore
- Anthracite
- Manganese (Coza Mining)

FUTURE MATERIALS & METALS

- Phosphate
- Vermiculite
- Potential Rare Earth Elements
- Hemp Construction

Corporate Profile

B-BBEE

Afrimat is a Level 2 contributor.

Black ownership in the Group totals 28.2% in line with the Mining Charter requirements. In calculating ownership percentage, the methodology as required in terms of Statement 100 of the Code, was applied.

Afrimat is committed to a bottom-up approach to transformation, successfully accomplished in terms of sustained training, skills development, and all-around employee upliftment.

Social Upliftment

Afrimat adopts a broad-based approach to social responsibility and is committed to expenditure in terms of the social and labour plans required by the Department of Mineral Resources.

The group accordingly undertakes related social development responsibilities with each mining license.

These include the establishment of community centres, school facilities, vegetable gardens, salaries for math teachers, and infrastructure including roads and drainage. An annual progress report in this regard is submitted to the Department of Mineral Resources.

Employee Engagement

Afrimat currently employs close to 2700 staff across South Africa.

The Group prioritises ongoing training in order to raise standards of performance and productivity, offering internal courses and using external suppliers to facilitate continuous development of its skills base. A focused training division provides all employees with the opportunity of expanding their skills and qualifications.

In line with succession planning, candidates have been identified and are receiving personal mentorship in furthering their formal education and operational knowledge. Focus is on the areas of mechanical and civil engineering as well as management, where previously disadvantaged candidates have been appointed as Trainee/Assistant Managers as part of two/three-year development programmes.

Enterprise and Supplier Development

Our Enterprise and Supplier Development initiatives are aimed at assisting suppliers with challenges they might face to either enter our supply chain or even other organisations.

We do this by continuously striving to empower suppliers through focussed programs that develop them.

The aim is to get more value from suppliers in our supply chain by enhancing their skills and efficiencies.

Both the supplier and Afrimat benefit from this partnership. Our interventions are aimed at creating sustainable suppliers in our industry and communities where we operate in.

Afrimat would want to see the suppliers in the program create economic benefit in their communities by employing local people, supporting other SMMEs, and transferring skills by doing so.

Furthermore, we try and source suppliers that produce locally first in order to strengthen the South African economy.

Our programs are not only aligned with B-BBEE and Mining Charter III requirements but to extract value from our suppliers to the benefit of both Afrimat and the supplier.

Health and Safety Policy

Afrimat cares for the well-being of all staff and recognises its workforce as a meaningful and important contributor to its core business being the extraction of Aggregate, Sand, and Industrial Minerals through drilling; blasting; excavating; loading; hauling; crushing and screening operations and the supply of construction materials through concrete manufactured products and readymix concrete.

It is the company's policy to use our Health and Safety management system to do all that is reasonably practical to prevent occupational diseases, personal injury, damage to property and to protect all employees, visitors, contractors, public, interested and affected parties from foreseeable work hazards, insofar as they meet the operations or are exposed to the performance within the company.

We will endeavour to proactively identify and resolve potential Health and Safety risks before they manifest as accidents, incidents, or non-compliance.

We shall ensure a healthy and safe working environment to be our primary responsibility.

We shall lead our Health and Safety effort by example.

We furthermore believe that, in self-interest and for the collective good, every employee should participate in and contribute towards our Health and Safety effort.

We will encourage and empower staff in appropriate ways to work together as a team to fulfill this responsibility.

We strive to

- Integrate Health and Safety management in routine management functions and processes.
- Proactively identify, eliminate, control, and manage all Occupational Health and Safety related risks in the workplace. PPE will be issued as a last resort.
- Comply with national and our own Health and Safety standards as well as applicable legislation.
- Inform staff of the hazards and risks associated with their work.
- Provide the training, equipment, and support necessary for our employees to mitigate risks and perform safe, healthy, and productive work.
- Monitor and report our Health and Safety performance, working towards a goal of zero incidents, through continuous improvement of our performances and Health and Safety systems.
- Support industry-related Health and Safety improvement initiatives and share our knowledge of Health and Safety with industry stakeholders.

Vision, Values & Our Way

OUR VISION

To be globally respected for excellence in unlocking and enhancing the earth's mineral potential to build a better world.

OUR VALUES

- Trust
- Accountability
- Integrity
- Teamwork
- Respect
- Safety
- Customer Satisfaction

OUR WAY



CARING ENVIRONMENT

- ▶ Family
- ▶ Caring for people
- ▶ Growing people
- ▶ Treating everyone as equals
- ▶ Atmosphere of joy and positivity
- ▶ Commitment
- ▶ Embrace diversity
- ▶ See people as people not an object
- ▶ Zero harm to employees, the community and the environment
- ▶ Community development



RESULTS DRIVEN

- ▶ Profitability
- ▶ Non-bureaucratic, not a corporate company
- ▶ Big vision and stretching goals
- ▶ Healthy finances
- ▶ Effective and reliable systems



SKILLS AND COMPETENCE

- ▶ Right people in the right place
- ▶ Ownership and responsibility
- ▶ Learning culture
- ▶ In depth knowledge of legislation and requirements



ENTREPRENEURIAL DRIVE

- ▶ Innovation and creativity
- ▶ See opportunity and pursuing them
- ▶ Agility and flexibility
- ▶ Calculated risk taking



HUMILITY AND BELIEF

- ▶ Trust in God
- ▶ Psalm 127
- ▶ Acknowledge mistakes
- ▶ Servant leadership
- ▶ Confidence with modesty



IMPORTANT RELATIONSHIPS

- ▶ Delighted and satisfied customers
- ▶ Customer centric
- ▶ Cooperative and collaborative
- ▶ Respect for stakeholders
- ▶ Integrity
- ▶ Transparency
- ▶ Ethical
- ▶ Brutal honesty



TEAMWORK

- ▶ Inspire a shared vision
- ▶ Interdependence
- ▶ Imperfect unity
- ▶ Trust and accountability
- ▶ Sharing
- ▶ Respect
- ▶ Motivated personnel
- ▶ Communication and feedback



EMPOWERING

- ▶ Support across boundaries
- ▶ Finding talent in unusual places
- ▶ Modelling the way
- ▶ Celebrate small successes
- ▶ Recognition



WINNING ATTITUDE

- ▶ Tenacity
- ▶ Fighting spirit
- ▶ Stretching each other
- ▶ Outside comfort zone, not in panic zone
- ▶ Perseverance and determination
- ▶ Healthy competition
- ▶ Passionate

Journey to present



Watch the Afrimat Virtual Tour 2021
Click on this [link](#)

New acquisitions 2021/2022

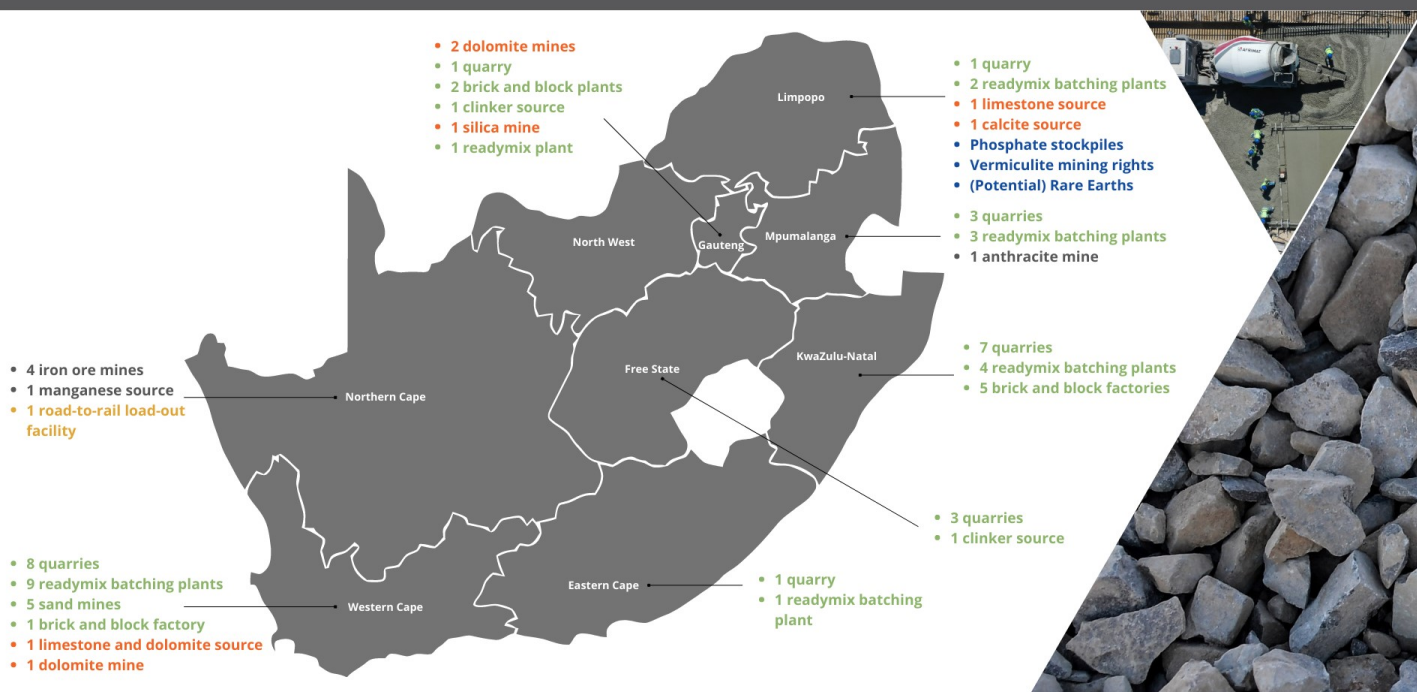
- Glenover (Phosphate)
- Agri Lime

New acquisitions 2023

- Eckraal

National Footprint

*Data reflected as of May 2023



CONSTRUCTION MATERIALS

INDUSTRIAL MINERALS

AFRIMAT MINING SERVICES
Operates throughout Southern Africa

BULK COMMODITIES

FUTURE MATERIALS & METALS

Construction Materials

- Aggregates
- Readymix Concrete
- Bricks, Blocks, and Pavers
- Building Lime
- Road Lime
- Clinker Supplies
- Silica
- Dolomite
- Metallurgical Dolomite



Aggregate	Type	Lyttelton (Centurion) (Dolomite)	Glen Douglas (Meyerton) (Dolomite)
Concrete Stone	7.1mm		✓
	10mm	✓	✓
	14mm	✓	✓
	20mm	✓	✓
	28mm	✓	
Ballast	63mm	✓	✓
	73mm	✓	✓
Base	G1	✓	✓
	G2	✓	✓
	G3		✓
	G4		✓
Subbase	G5	✓	✓
	G6	✓	✓
	G7	✓	✓
Other	Gabion	✓	
	Crusher Sand	✓*	✓*
	Super Sand	✓	✓
	Overburden	✓	
	Dump Rock	✓	
	Unselected Dump Rock	✓	✓
	Primary Crush		✓
	Builders Blend	✓	✓
Metallurgical Dolomite	Sinter		✓
	-40mm Lump		✓

*Request sizes available

Cullinan Silica (Silica)

Aggregate

- ✓ Building Sand
- ✓ Washed Plaster Sand

Lyttelton	
Geomorphology	Dolomite
AD	-
Water abs	0.68
SE	78.02
Clay Content	-
PSV	-
RD/SG	2.8
AD - Base	-
LA Abrasion	-
ACV	13.8
10% FACT	339

Glen Douglas	
Geomorphology	Metallurgical Dolomite
AD	-
Water abs	-
SE	-
Clay Content	-
PSV	37
RD/SG	2.8
AD - Base	-
LA Abrasion	16.72
ACV	15.5
10% FACT	276.8

Cullinan	
Geomorphology	Silica
AD	-
Water abs	0.75
SE	75.95
Clay Content	-
PSV	-
RD/SG	2.65
AD - Base	-
LA Abrasion	-
ACV	-
10% FACT	-

Abbreviations

1. AD: Apparent Density
2. Water Absorption
3. SE: Sand Equivalent
4. Clay Content
5. PSV: Polishing Stone Value
6. RD/SG: Relative Density/Specific Gravity
7. AD-Base: Apparent Density of Crushed Stone Base
8. LA Abrasion: Los Angeles (LA) Abrasion
9. ACV: Aggregate Crushing Value
10. 10% FACT: Ten percent fines aggregate crushing value



Aggregate	Type	Bethlehem (Dolerite)	Qwa Qwa (Dolerite)	Harrismith (Dolerite)
Road Stone	7.1mm	✓	✓	
	10mm	✓	✓	
	14mm	✓	✓	
	20mm	✓	✓	
Concrete Stone	7.1mm		✓	
	10mm	✓	✓	
	14mm	✓	✓	
	20mm	✓	✓	✓
	28mm	✓		
Ballast	63mm	✓		
	73mm	✓		
Base	G1		✓	
	G2	✓	✓	
	G4	✓	✓	
Subbase	G5	✓	✓	✓
	G6	✓	✓	
	G7	✓	✓	
	G8	✓	✓	
Other	Gabion		✓	✓
	Blasted Rock	✓	✓	
	Overburden	✓	✓	
	Slurry Dust		✓	
	Primary Crush	✓	✓	✓
	Bedding Sand		✓	
	SSB	✓		
Builders Blend	✓	✓		

	Bethlehem	QwaQwa	Harrismith
AD: Apparent Density	3.01	2.98	2.96
Water Absorption	0.31	0.2	0.44
Presence of Organics	Passed	Passed	Passed
Total water-soluble salts (%)	0.30	0.20	0.20
Determination of soluble sulphates (%)	0.02	0.01	0.027
Clay Content (Methylene Blue) (%)	0.10	0.10	0.15
Soluble deleterious impurities (Unwashed/washed) (%)	115.0	104.5	101.2
Potential reactivity (ASR) (%)	0.002	0.002	0.02
LA Abrasion (%)	10.65	9.90	8.79
Ethylene Glycol (%)	0.27	0.19	0.17
PSV: Polished Stone Value	52	51	56
RD/SG	2.94/1.81	2.95/1.79	2.9/1.76
ACV (Wet) (%)	11.9	14.8	11.5
ACV (Dry) (%)	10.6	11.7	10.70
10% FACT (Wet) (kN)	294	272	368
10% FACT (Dry) (kN)	378	320	381



Aggregate	Type	Vryheid (Dolerite)	Ulundi (Dolerite)	Hluhluwe (Basalt)	PMB (Granite)	Scottburgh Dwyka Tillite)	Dundee (Dolerite)	Ladysmith (Dolerite)
Road Stone	7mm						✓	
	7.1mm		✓	✓				
	10mm	✓	✓	✓			✓	
	14mm	✓	✓	✓			✓	
	20mm	✓	✓	✓			✓	
Concrete Stone	10mm		✓	✓	✓	✓	✓	✓
	14mm	✓	✓	✓	✓	✓	✓	✓
	20mm	✓	✓	✓	✓	✓	✓	✓
	26.5mm				*	*		✓
	28mm	✓	✓	✓	*	*	✓	
Ballast	63mm			✓				
	73mm	✓						
Base	G1	✓	✓	✓			✓	
	G2	✓	✓	✓	✓	✓	✓	✓
	G4	✓	✓	✓			✓	
Subbase	G5	✓	✓	✓	✓	✓	✓	✓
	G6	✓	✓	✓	✓	✓		✓
	G7	✓	✓	✓	✓	✓	✓	✓
Sand	River Sand		✓					

*Available on request

Aggregate	Type	Vryheid (Dolerite)	Ulundi (Dolerite)	Hluhluwe (Basalt)	PMB (Granite)	Scottburgh (Dwyka Tillite)	Dundee (Dolerite)	Ladysmith (Dolerite)
Other	Gabion	✓	✓					
	Crusher Sand	✓	✓	✓	✓	✓	✓	✓
	Blasted Rock	✓	✓	✓	✓	✓	✓	✓
	Overburden	✓	✓	✓	✓	✓		✓
	Dump Rock	✓		✓				
	Unselected Dump Rock	✓						
	Primary Crush	✓	✓	✓	✓	✓	✓	✓
	Bedding Sand				✓			
	SSB	✓		✓				
	Builders Blend	✓	✓	✓	✓	✓	✓	✓
	Hand Stone	–	–	–		✓	–	–

*Request sizes available
_Specialised Product



	Ladysmith	PMB	Scottburgh	Dundee	Vryheid	Ulundi	Hluhluwe
AD: Apparent Density	3.02	2.75	2.8	2.98	2.99	3.01	2.94
Water Absorption	0.28	0.5	0.55	0.48	0.41	0.39	0.11
Presence of Organics	Passed	Passed	Passed	Passed	Passed	Passed	Passed
Total water-soluble salts (%)	0.20	0.20	0.20	0.10	0.20	0.30	0.20
Determination of soluble sulphates (%)	0.072	0.01	0.03	0.01	0.01	0.01	0.02
Clay Content (Methylene Blue) (%)	0.15	0.10	0.10	0.10	0.10	0.15	0.15
Soluble deleterious impurities (Unwashed/washed) (%)	99.6	82.8	102.7	98.4	96	91	94.4
Potential reactivity (ASR) (%)	0.013	0.012	0.016	0.012	0.007	0.018	0.001
LA Abrasion (%)	7.90	16.70	12.11	11.71	12.12	9.42	9.52
Ethylene Glycol (%)	0.03	0.055	0.24	0.225	0.115	0.079	0.0007
PSV: Polished Stone Value	52	53	53	53	52	52	63
RD/SG	2.95/1.62	2.71/1.63	2.71/1.61	2.93/1.77	2.96/1.72	2.98/1.8	2.87/1.69
ACV (Wet) (%)	11.2	18.70	17.80	15.50	14.10	9.87	11.50
ACV (Dry) (%)	9.70	18.30	17.40	12.30	10.30	8.87	10.70
10% FACT (Wet) (kN)	369	220	247	279	325	430	368
10% FACT (Dry) (kN)	403	216	251	334	395	434	381

Denver Quarry (Quarzitic Sand Stone - white)

Aggregate	Type	Aggregate	Type
Road Stone	7.1mm	Base	G1
	10mm		G2
	14mm		G3
	20mm		G4
Concrete Stone	7.1mm	Subbase	G5
	10mm		G7
	14mm	Other	Gabion
	20mm		Crusher Sand
	28mm		Super Sand
	37.5mm		Blasted Rock
	53mm		Overburden
	Crusher Run		
	Dump Rock		

Aggregates Properties

Denver	
Geomorphology	
AD	2.65 (for stone)
Water abs	0.6 (for stone) & 1.2 (for grits/concrete sand)
SE	66
Clay Content	-
PSV	54
RD/SG	2.63
AD - Base	2639.3
LA Abrasion	22
ACV	12.6
10% FACT	300 (for stone)

Abbreviations

1. AD: Apparent Density
2. Water Absorption
3. SE: Sand Equivalent
4. Clay Content
5. PSV: Polishing Stone Value
6. RD/SG: Relative Density/Specific Gravity
7. AD-Base: Apparent Density of Crushed Stone Base
8. LA Abrasion: Los Angeles (LA) Abrasion
9. ACV: Aggregate Crushing Value
10. 10% FACT: Ten percent fines aggregate crushing value

Aggregate	Type	Lephalale – Kuipersbult (Sandstone Conglomerate)	Marble Hall (Limestone)
Concrete Stone	7mm		✓
	14mm	✓	✓
	20mm	✓	✓
	37.5mm	✓	✓
Ballast	63mm		✓
Base	G1		✓
	G2		✓
	G3		✓
	G4	✓	✓
Subbase	G5	✓	✓
	G6	✓	✓
	G7	✓	✓
Other	Crusher Sand	*	✓
	Super Sand		
	Overburden		✓
	Crusher Run	*	✓
	Unselected Dump Rock	✓	✓
	Builders Blend		✓
Metallurgical Dolomite	Sinter		✓
	63mm Lump		✓
	SSD		✓
Dolomitic Aggregate	Dust 2-4mm		✓

*Request sizes available

Marble Hall	
Geomorphology	Limestone
AD	2.80
Water abs	0.30
SE	
Clay Content	
PSV	
RD/SG	
AD - Base	
LA Abrasion	19.1
ACV	21
10% FACT	180

Kuipersbult	
Geomorphology	Sandstone
AD	2,35
Water abs	-
SE	-
Clay Content	-
PSV	-
RD/SG	2.350
AD - Base	2350
LA Abrasion	-
ACV	-
10% FACT	-

Abbreviations

1. AD: Apparent Density
2. Water Absorption
3. SE: Sand Equivalent
4. Clay Content
5. PSV: Polishing Stone Value
6. RD/SG: Relative Density/Specific Gravity
7. AD-Base: Apparent Density of Crushed Stone Base
8. LA Abrasion: Los Angeles (LA) Abrasion
9. ACV: Aggregate Crushing Value
10. 10% FACT: Ten percent fines aggregate crushing value



Aggregate	Type	Hartebeesfontein (Quarzitic Sandstone)	Mbombela (Nelspruit) – Dingwell (Granite)	Bushbuckridge (Granite)
Concrete Stone	10mm	✓		
	14mm	✓	✓	✓
	20mm	✓	✓	✓
	37.5mm	✓	✓	
Base	G1	✓	✓	✓
	G2	✓	✓	✓
	G3	✓		
	G4	✓		
Subbase	G5	✓	✓	✓
	G6	✓		
	G7	✓		
Other	Gabion	✓		
	Gabion Unselected		✓	
	Crusher Sand	*	-10mm	-10mm
	Riprap	✓		
	Blasted Rock	✓		
	Crusher Run	*		
	Dump Rock	✓		
	Unselected Dump Rock	✓	✓	
Builders Blend	✓	✓	✓	

*Request sizes available

Hartebeesfontein

Geomorphology	Quarzitic Sandstone
AD	2.64
Water abs	0.5
SE	-
Clay Content	-
PSV	-
RD/SG	2.64
AD - Base	2646
LA Abrasion	-
ACV	14.7
10% FACT	277

Dingwell (Mbombela)

Geomorphology	Granite
AD	2.63
Water abs	0.65
SE	-
Clay Content	-
PSV	51.5
RD/SG	2.63
AD - Base	2634.0
LA Abrasion	-
ACV	24.1
10% FACT	188

Bushbuckridge

Geomorphology	Granite
AD	2.63
Water abs	0.64
SE	-
Clay Content	-
PSV	n/a
RD/SG	2.63
AD - Base	2634.0
LA Abrasion	-
ACV	-
10% FACT	-

Abbreviations

1. AD: Apparent Density
2. Water Absorption
3. SE: Sand Equivalent
4. Clay Content
5. PSV: Polishing Stone Value
6. RD/SG: Relative Density/Specific Gravity
7. AD-Base: Apparent Density of Crushed Stone Base
8. LA Abrasion: Los Angeles (LA) Abrasion
9. ACV: Aggregate Crushing Value
10. 10% FACT: Ten percent fines aggregate crushing value



Aggregate	Type	Bredasdorp – Driefontein (Quarzitic Sand Stone)	Grabouw – Palmiet (Quarzitic Sand Stone)	Paarl – Dennegeur (Quarzitic Sand Stone)	Durbanville – Kliprug (Meta Grywacke – Hornfels)	Rawsonville – Smalblaar (Quarzitic Sand Stone)	Vredenburg – De Kop (Quarzitic Sand Stone)	Stanford (Quarzitic Sand Stone)	Worcester – Brewskloof (Metamorphic Andesite)	Melkbos – De Anker (Dune Sand)	Macassar – Olympic (Dune Sand)	Worcester – Moddergat (Worcester Natural Sand)	Klipheuwel – Vlakfontein (Malmesbury Sand)	Philippi – Cape Lime Sand (Dune Sand)	Vredendal – Cape Lime (Limestone & Dolomite)	Robertson Cape Lime – Langvlei (Dolomite)
Road Stone	5mm						✓		✓							
	7mm						✓		✓							
	7.1mm						✓		✓							
	10mm						✓		✓							
	14mm						✓		✓							
	20mm						✓		✓							
Concrete Stone	7.1mm		✓	✓	✓	✓	✓		✓							
	10mm		✓	✓	✓	✓	✓		✓						✓	✓
	14mm	✓	✓	✓	✓	✓	✓	✓	✓						✓	
	20mm	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓
	28mm		✓		✓	✓	✓		✓							
	37.5mm				✓		✓		✓							
Ballast	50mm				✓		✓		✓							
Base	G1				✓		✓		✓							
	G2		✓		✓		✓		✓						✓	
	G3		✓		✓		✓		✓						✓	
	G4		✓		✓		✓	✓	✓						✓	
Subbase	G5	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓
	G6	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓
	G7	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓
Sand	Plaster Sand													✓		
	Filling Sand									✓	✓	✓	✓	✓		
	River Sand												✓			
	Screened Plaster										✓			✓		
	Building Sand									✓	✓	✓	✓	✓		

Aggregate	Type	Bredasdorp – Driefontein (Quarzitic Sand Stone)	Grabouw – Palmiet (Quarzitic Sand Stone)	Paarl – Dennegeur (Quarzitic Sand Stone)	Durbanville – Kliprug (Meta Gywacke – Hornfels)	Rawsonville – Smalblaar (Quarzitic Sand Stone)	Vredenburg – De Kop (Quarzitic Sand Stone)	Stanford (Quarzitic Sand Stone)	Worcester – Brewelskloof (Metamorphic Andesite)	Melkbos – De Anker (Dune Sand)	Macassar – Olympic (Dune Sand)	Worcester – Moddergat (Worcester Natural Sand)	Klipheuwel – Vlakfontein (Malmesbury Sand)	Philippi – Cape Lime Sand (Dune Sand)	Vredendal – Cape Lime (Limestone & Dolomite)	Robertson Cape Lime – Langvlei (Dolomite)	
Other	Gabion		✓	✓	✓	✓	✓		✓						✓		
	Crusher Sand	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	
	Blasted Rock	✓	✓		✓			✓	✓	✓							
	Overburden	✓	✓		✓		✓	✓	✓								
	Crusher Run		*		*		*	*	*								
	Slurry Dust								✓								
	Unselected Dump Rock	✓	✓		✓		✓	✓	✓								
	Primary Crush	✓	✓		✓		✓	✓	✓								
	Builders Blend	✓	✓		✓				✓	✓							

*Request sizes available



Brewelskloof

Geomorphology	Metamorphic Andesite
AD	2.80
Water abs	0.50
SE	72
Clay Content	4.3
PSV	53
RD/SG	2.79
AD - Base	2764.3
LA Abrasion	
ACV	6.7
10% FACT	530

Dennegeur

Geomorphology	Table Mountain Sandstone (Alluvial Pebble)
AD	2.68
Water abs	2.52
SE	84
Clay Content	
PSV	
RD/SG	2.50
AD - Base	2634.6
LA Abrasion	
ACV	24
10% FACT	140

Kliprug

Geomorphology	Hornfells
AD	2.765
Water abs	0.6
SE	59
Clay Content	3.8
PSV	70
RD/SG	2.775
AD - Base	2745.5
LA Abrasion	16.7
ACV	6.9
10% FACT	525

Stanford

Geomorphology	Table Mountain Sandstone
AD	2.67
Water abs	1.58
SE	66
Clay Content	-
PSV	-
RD/SG	2.68
AD - Base	2620.4
LA Abrasion	-
ACV	23.8
10% FACT	135

De Kop

Geomorphology	Granodiorite
AD	2.64
Water abs	100
SE	78
Clay Content	-
PSV	51
RD/SG	2.65
AD - Base	2601.4
LA Abrasion	22.0
ACV	17.3
10% FACT	295

Driefontein

Geomorphology	Table Mountain Sandstone
AD	2.65
Water abs	2.17
SE	40
Clay Content	-
PSV	-
RD/SG	2.61
AD - Base	2634.9
LA Abrasion	-
ACV	24.6
10% FACT	128

Palmiet

Geomorphology	Table Mountain Sandstone
AD	2.66
Water abs	1.65
SE	42
Clay Content	3.4
PSV	-
RD/SG	2.66
AD - Base	2636.4
LA Abrasion	35.1
ACV	25.8
10% FACT	122

Smalblaar

Geomorphology	Table Mountain Sandstone (Alluvial Pebble)
AD	2.58
Water abs	1.50
SE	87
Clay Content	-
PSV	-
RD/SG	2.66
AD - Base	-
LA Abrasion	-
ACV	22.73
10% FACT	133



Western Cape

Vredenburg
Bredasdorp
Hermanus
Worcester
Robertson
Stellenbosch
Wetton
Paarl
Killarney

KwaZulu-Natal

Nongoma
Paulspetersburg
Dundee
Ladysmith

Eastern Cape

Denver

Mpumalanga

Hazyview
Nelspruit
Bushbuckridge

Limpopo

Lephalale
Bela-Bela

Readymix Concrete mix designs

Mix Design Category	Mix Design Classification
Mortar Mixes	Class I
	Class II
Standard Mixes	10MPa to 50MPa OPC
	10MPa to 50MPa Extender Blends (PFA, GGBS)
Pump Mixes	20MPa to 50MPa OPC
	20MPa to 50MPa Extender Blends (PFA, GGBS)
Durability Mixes (Watertight)	Minimum Binder Content
	Maximum Water to Cement Ratio
Paving Mixes	Standard Grey
	Pigmented
Kerb Mixes	10MPa to 40MPa
Exposed Aggregate Mixes	Stone Type Variants
	Stone Blends
	Pigmented
Fibre Mixes	Polypropylene Fibres
	Macro Fibres
Waterproof Mixes	Penetron Admix
	Xypex Admix C-500NF
	Other products on request
Pigmented Concrete	Charcoal, Tan Terracotta etc.
	Other options available on request
Stone Sizes	7.1mm, 10mm, 14mm, 20mm, 28mm & 37.5mm
Stone Types	Hornfels
	Quartzitic Sandstone (White & Brown)
	Granite (Black)
	Meta-Andesite
	Dolomitic Limestone
	Other options available on request
Other Concrete Mixes	Post Tension
	Self Compacting
	Topping
	Grout
	No-Fines
	Guniting
	Shotcrete
	Lightweight
	Long-Distance (Retarded)
	Pool Mixes

**The above list is by no means exhaustive.*

Please contact your nearest Afrimat sales representative for a concrete mix design that can be tailored to your specific application.

Readymix Concrete mix designs

Mix Design Category	Mix Design Classification
Mortar Mixes	Class I
	Class II
Plaster Mixes	Standard mixes
Standard Mixes	10MPa to 50MPa OPC
	10MPa to 50MPa Extender Blends (PFA, GGBS)
Pump Mixes	20MPa to 50MPa OPC
	20MPa to 50MPa Extender Blends (PFA, GGBS)
Durability Mixes (Watertight)	Minimum Binder Content
	Maximum Water to Cement Ratio
Paving Mixes	Standard Grey
	Pigmented
Exposed Aggregate Mixes	Stone Type Variants
	Stone Blends
	Pigmented
Fibre Mixes	Polypropylene Fibres
	Macro Fibres
Waterproof Mixes	Penetron Admix
	Xypex Admix C-500NF
	Other products on request
Pigmented Concrete	Charcoal, Tan Terracotta etc.
	Other options available on request
Stone Sizes	7.1mm, 10mm, 14mm, 20mm, 28mm & 37.5mm
Stone Type	Quarzitic Sandstone
Other Concrete Mixes	Post Tension
	Topping
	No-Fines
	Shotcrete
	Lightweight
	Long-Distance (Retarded)
	Pool Mixes

Readymix Concrete mix designs

Mix Design Category	Mix Design Classification
Mortar Mixes	Class I
	Class II
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	10MPa to 50MPa Extender Blends (PFA, GGBS)
Pump Mixes	20MPa to 50MPa OPC
	20MPa to 50MPa Extender Blends (PFA, GGBS)
Durability Mixes (Watertight)	Minimum Binder Content
	Maximum Water to Cement Ratio
Paving Mixes	Standard Grey
Kerb Mixes	Pigmented
	10MPa to 40MPa
Exposed Aggregate Mixes	Stone Type Variants
	Stone Blends
	Pigmented
Fibre Mixes	Polypropylene Fibres
	Macro Fibres
Waterproof Mixes	Penetron Admix
	Xypex Admix C-500NF
	Other specified products on request can be sourced
Pigmented Concrete	Charcoal, Tan Terracotta etc.
	Other options available on request
Stone Sizes	7.1mm, 10mm, 14mm, 20mm, 28mm & 37.5mm
Stone Types	Hornfels
	Dolerite
	Dwyka Tillite
	Basalt
	Granite
	Dolomitic Limestone
	Other options available on request
Other Concrete Mixes	Post Tension
	Self Compacting
	Topping
	Grout
	No-Fines
	Guniting
	Shotcrete
	Lightweight
	Long-Distance (Retarded)
	Pool Mixes

Readymix Concrete mix designs

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	Maximum Water to Cement Ratio
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	Pigmented
Kerb Mixes	10MPa to 40MPa
Exposed Aggregate Mixes	Stone Type Variants
	Stone Blends
	Pigmented
Fibre Mixes	Polypropylene Fibres
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Waterproof Mixes	Penetron Admix
	Xypex Admix C-500NF
Pigmented Concrete	Other specified products on request can be sourced Charcoal, Tan Terracotta etc.
	Other options available on request
Stone Sizes	7.1mm, 10mm, 14mm, 20mm, 28mm & 37.5mm
Stone Types	Hornfels
	Quarzitic Sandstone (White & Brown)
	Granite (Grey)
	Meta-Andesite
	Dolomitic Limestone
Other Concrete Mixes	Other options available on request
	Post Tension
	Self Compacting
	Topping
	Grout
	No-Fines
	Guniting
	Shotcrete
	Lightweight
	Long-Distance (Retarded)
	Pool Mixes

Building Blocks

Big Block	3.5Mpa (190mm)
Medium Block	3.5Mpa (140mm)
Small Block	3.5Mpa (90mm)

Cement Bricks

Maxi Brick	7 – 14Mpa
Stock Brick	7 – 14Mpa
Interlock Paver *Grey, Black, Brown, Tan & Red available	25Mpa (60mm) 35Mpa (80mm)
Bond Pavers *Grey, Black, Brown, Tan & Red available	25Mpa (50mm)



CEMENT BRICKS

S7 Plaster Brick



PAVERS Interlocking 80/60



Grey Cement Interlocking Paver



Black Cement Interlocking Paver



Groove Grey Cement Interlocking Paver

PAVERS Bond 50mm



Black Cement Bond Paver



Grey Cement Bond Paver



Tan Cement Bond Paver



Red Cement Bond Paver

BUILDING BLOCKS



90mm Block (Small)



140mm Block (Medium)



190mm Block (Large)



Cement Maxi Brick

BOUBLOK | CONCRETE PRODUCTS



		Vryheid	Ulundi	Ladysmith	Mkhuze	Hluhluwe
Big Block	3.5Mpa (190mm)	✓	✓	✓	✓	✓
Medium Block	3.5Mpa (140mm)	✓	✓	✓	✓	✓
Small Block	3.5Mpa (90mm)	✓	✓	✓	✓	✓
Maxi Brick	7 – 14Mpa			✓		
Stock Brick	7 – 10Mpa	✓	✓	✓	✓	✓
Bevel Paver	25Mpa (50mm) Brown	✓	✓		✓	✓
	25Mpa (50mm) Grey	✓	✓	✓	✓	✓
	25Mpa (50mm) Tan	✓	✓	✓	✓	✓
	25Mpa (50mm) Red	✓	✓	✓	✓	✓
	25Mpa (50mm) Charcoal	✓	✓	✓	✓	✓
Interlock Paver	25Mpa (60mm)	✓	✓	✓	✓	✓
	25Mpa (80mm)	✓	✓	✓	✓	✓
Brick Lintel	100mm	✓	✓	✓	✓	✓
	135mm	✓	✓	✓	✓	✓



Stock Brick



Maxi Brick



Bevel Paver



Interlock Paver



Hollow Block



Brick Lintel

Specifications	Stock Bricks	Mini Maxi Brick	Maxi Brick
Size (mm)	73	90	90
	100	90	140
	220	290	290
Nominal Compressive Strength (Mpa)	7	7	7
	10.5		10.5
	14		14
Average Weight (kg)	2.65	3.5	6

Dimensions*

Length	Width	Height
+2 – 4mm	±3 mm	±3 mm

Drying Shrinkage*

0.06% (Max)

Expansions on rewetting*

0.08% (Max)



Enquire about SABS mark of approval.



A subsidiary of



Clinker



Clinker is a lightweight boiler ash aggregate with a high alumina content

Clinker sand is processed for use in precast masonry units to comply with SANS794 pertaining to soundness, shrinkage, and chemical requirements. CLS clinker sand also classifies as a G6 material.

- ▶ Loss on ignition < 25%
- ▶ Total sulphur < 2%
- ▶ Sulphur trioxide < 1%

Our main product is – 13mm clinker sand, manufactured to fall within the following specifications:

Size	19	13.2	9.5	6.7	4.75	2.36	1.18	0.6	0.3	0.15	0.75
Maxx % Passing	100	100	99	94	85	65	48	36	26	16	10
Min % Passing	100	90	75	67	59	39	27	18	9	4	2

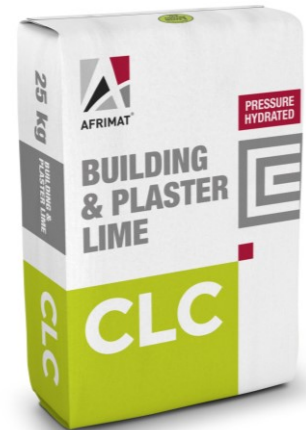
Our fixed plants

- ▶ **Emfuleni** (near Vereeniging) 26°42'10.1"S 27°55'17.9"E
- ▶ **Vierfontein** (near Orkney) 27°06'19.82"S 26°47'25.37"E

CLC building and plaster lime

Dolomitic pressure hydrated lime.

- **COST SAVINGS** Fewer repairs, less maintenance, and faster application.
- **SUPERIOR QUALITY** Adapts to all climates, is weather-resistant, and limits the damage caused by moisture and cracking.
- **LASTING DURABILITY** Less susceptibility to hairline cracks and fractures and strengthens over time.
- **GREAT WORKABILITY** Enhanced durability ensures easy application and fills the voids and cracks.



Using CLC lime for old / heritage building restoration

- CLC lime is a binder with excellent breathable properties, highly recommended for old/heritage building restoration
- CLC lime-based plaster and mortars guarantee long-lasting durability and damp-free renovation

Materials

- **Hydrated Lime – CLC** (pressure hydrated dolomitic lime).
- **Sand** – clean well-graded building sand, free from organics and clay.
- **Gluex whitewash lime** (for breathable heritage paintwork).

Surface prep

- Clean the surface with a soft brush and remove any loose debris.
- Where necessary repack wall with bricks and CLC mortar.
- Prep wall with lime harling technique (lime harling is a 1 lime: 3 water – by volume).
- Prepare the lime water and throw-on with a block brush. This “watery” lime should not be too thick and just absorbed by the substrate to form a slight off-white surface.
- Wait for the surface to dry before applying plaster.

Mixing

- The optimal mix for CLC lime plaster and mortar is 1 CLC lime: 3 sand by volume.
- Measure out dry materials by volume.
- Mix dry materials until there is a uniformity in colour.
- Add water to desired slump (not too wet).

Application

- Recommended that CLC lime plasters be applied in a two-coat application.
- First coat = 15mm and second coat = 7mm.
- Sufficient time must be given between coats for drying.
- CLC lime plaster is not hydraulic and must be kept safe from excessive contact with water for the first two weeks after application until initial carbonation has taken place.

Curing

- In high humid conditions or warm weather CLC lime plaster must be cured by slightly keeping it damp with water back-packs or hessian curtain.

Using CLC lime for crack repairs

Materials

- Hydrated Lime – CLC (pressure hydrated dolomitic lime).
- Sand – clean well-graded building sand, free from organics and clay.
- Stainless steel mesh (minimum width 600mm).
- Stainless steel screws (60mm) and washers.
- Soft bricks.
- Lintels.

Preparation

- Structural cracks must be opened and cleaned.
- Long vertical cracks must be stitched with lintels or whole bricks.
- Stainless steel mesh (minimum 600mm width) must be attached to the wall with 60mm stainless steel screws and washers in a plastic sleeve plug.
- Mesh must be pulled tight before it is screwed into the wall, with about 6 to 8 screws per 1 square meter.
- A 1:3 lime sand mix must be applied over the mesh.
- Repair work must be cured and left to carbonate for a minimum of one week before a scratch coat is applied.

Mixing

- Mix dry materials to uniform colour before adding water.
- When the dry mix has a uniform colour add water and mix again to get the correct slump of plaster/mortar.

Application

- A “push-on” or “throw-on” method can be used.
- Plaster should be applied in two coats.
- The first scratch coat should be applied (10 to 15mm) and should be left for a week to carbonate.
- The second coat should be applied in a layer thinner than the first (5 to 7 mm thick).
- Floating must be done after bleeding water has disappeared and the surface becomes firm.
- Wall finish can be floated or sponged.

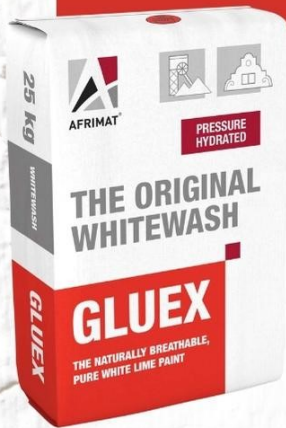
Curing

- Lime sets by absorbing CO₂ from the atmosphere.
- Higher humidity is favourable to accelerate the setting of lime.
- Expose finished plaster and mortar to as much atmospheric air as possible (leave Windows and doors open).
- Curing must be done by wetting the wall with mist sprayers or by hanging hessian 15mm away from the wall, like a curtain, and keeping it wet.
- Curing of lime plaster and mortars must be done for two weeks after building/ repair work.

Building & Plaster Lime & Lime-based Paint

**Manufactured by Cape Lime, a subsidiary under our Industrial Minerals Division, for construction purposes.*

GLUEX THE ORIGINAL WHITEWASH



Natural and affordable, pure white lime for interior and exterior use:

- Houses
- Factories
- Compounds
- Garages
- Stables
- Farm Buildings

Can also be used for

- Water treatment (application specific)
- Effluent water treatment
- Water and/or animal pen odour control
- Underground mine stone dusting with added illumination due to high % reflectivity of product

Additional benefits

- Helps prevent the spread of disease
- Temperature regulation & hygiene control
- Ensures rust prevention and is waterproof
- Environmentally friendly
- Fire retardant

Contact details:

Site office: 023 626 3190

Sales: 021 493 2933 | sales.langvlei@afrimat.co.za

Building & Plaster Lime & Lime-based Paint

**Manufactured by Cape Lime, a subsidiary under our Industrial Minerals Division, for construction purposes.*

SSL SOIL STABILISATION LIME

BENEFITS

Industrial applications

- Acid neutralization

AGRICULTURAL APPLICATIONS

- Reduce soil acidity
- Speeding decay of organic matter and liberation of plant nutrients
- Increasing availability of residual and applied phosphorus
- Increasing fixation of nitrogen by soil and plant organisms
- It's faster acting than ag lime, more soluble, has higher neutralizing power and reacts quicker.

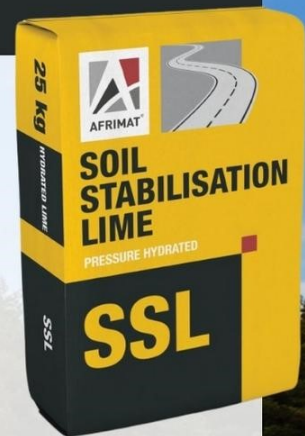
CONSTRUCTION AND ROAD-BUILDING APPLICATIONS

- Soil stabilization in road-building selected layers
- industrial construction site platform selected layers
- Modification of soil Plasticity Index (PI)
- Anti-stripping agent in Asphalt mixes

Contact details:

Site office: 023 626 3190

Sales: 021 493 2933 | sales.langvlei@afrimat.co.za



Building & Plaster Lime & Lime-based Paint

**Manufactured by Cape Lime, a subsidiary under our Industrial Minerals Division, for construction purposes.*

AFFORDABLE LIME-BASED PAINT

Ikalika Paint has been developed as the next chapter of a proud history of Ikalika Whitewash.



BENEFITS



Breathable



Anti-bacterial
& anti-mould



Temperature
regulation



Waterproof



Fire
retardant



Rust
prevention

Contact details:

Site office: 023 626 3190

Sales: 021 493 2933 | sales.langvlei@afrimat.co.za

Industrial Minerals

- Agricultural Lime
- Animal Hygiene Lime
- Feed Lime
- Hydrated Lime
- Unslaked Lime
- Dolomite
- Limestone
- Metallurgical Calcite
- Metallurgical Dolomite



Lime Supplied

PRODUCT	DERIVATIVE NAMES	INDUSTRY USAGE
Limestone Calcium Carbonate [CaCO ₃]	<ul style="list-style-type: none"> ▪ Dolomitic Limestone ▪ Calcitic Limestone ▪ Dolomite ▪ Calcite ▪ Dolomitic Agricultural Lime ▪ Calcitic Agricultural Lime ▪ Pelletised Calcitic Lime ▪ Pelletised Dolomitic Lime ▪ Pelletised Gypsum ▪ Granulated Lime ▪ Sorbent Material ▪ Quicklime ▪ Acid Mine Drainage 	<ul style="list-style-type: none"> ▪ Water Treatment ▪ Effluent Treatment ▪ Flue Gas Desulphurisation ▪ Agriculture ▪ Construction
Unslaked Lime Calcium Oxide [CaO]	<ul style="list-style-type: none"> ▪ Dolomitic Lime ▪ Calcitic Lime ▪ Burnt Lime ▪ Milk of Lime ▪ Stabilisation Lime ▪ Quicklime ▪ Acid Mine Drainage ▪ Hygiene Lime 	<ul style="list-style-type: none"> ▪ Water Treatment ▪ Effluent Treatment ▪ Gold Processing ▪ Platinum Processing ▪ Flue Gas Desulphurisation ▪ Road Construction
Slaked Lime / Hydrated Lime Calcium Hydroxide [Ca(OH) ₂]	<ul style="list-style-type: none"> ▪ Dolomitic Lime ▪ Calcitic Lime ▪ Burnt Lime ▪ Milk of Lime ▪ Stabilisation Lime ▪ Building Lime ▪ Quicklime ▪ Acid Mine Drainage ▪ Hygiene Lime 	<ul style="list-style-type: none"> ▪ Water Treatment ▪ Effluent Treatment ▪ Gold Processing ▪ Platinum Processing ▪ Flue Gas Desulphurisation ▪ Agriculture ▪ Road Construction

Lime Supplied

			Gauteng		Limpopo	Western Cape	
			Centurion – Lyttelton (Dolomite)	Meyerton – Glen Douglas (Dolomite)	Marble Hall (Limestone)	Robertson – Langvlei (Dolomite)	Vredendal (Limestone and Dolomite)
Lime	BioLim	<i>Animal Hygiene Lime</i>	✓			✓	
	CLC	<i>Building & Plaster Lime</i>	✓			✓	
	Ikalika	<i>White Wash Lime</i>	✓			✓	
	Glutex	<i>Pressure Hydrated Lime</i>	✓			✓	
	Soil Stabilisation Lime					✓	
	Unslaked Lime						✓
	Fluegas Lime						✓
	Chemical Lime						✓
	WPL (Water Purification Lime)	<i>Water Treatment Lime</i>	✓				✓
	APL	<i>All Purpose Lime</i>					✓
	Asphalt Lime						✓
Limestone	Metallurgical (Flux)				✓		
	Limestone (Lump/Sinter)						

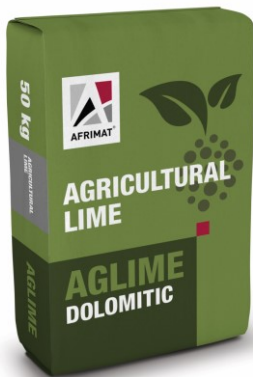


Lime Supplied

		Gauteng		Limpopo	Western Cape		
		Centurion – Lyttelton (Dolomite)	Meyerton – Glen Douglas (Dolomite)	Marble Hall (Limestone)	Robertson – Langvlei (Dolomite)	Vredendal (Limestone and Dolomite)	
Limestone	Flint Limestone (Glass)					✓	
	Amber Limestone (Glass)			✓			
	Calcitic Aglime			✓		✓	
	Limestone Fines					✓	
	-200µm Limestone					✓	
	Feed Lime	<i>Fine and Grit (2-4mm)</i>			✓	✓	
	Water Treatment			✓			
	Limestone (HCN)						
	Metallurgical (Flux)		✓	✓			
	Dolomite (Lump/ Sinter)						
	Dolomitic Aglime	<i>Agricultural Lime</i>		✓	✓	✓	✓
	Dolomite Fines						✓
	Refractory Dolomite						✓
Dolomite Filler	<i>Filla Dust Filla 75 Filla 40 Filla 15 Filla 5</i>	✓				✓	

Agricultural Lime, BioLim Animal Hygiene Lime, Feed Lime

Increase your yields, safeguard your livestock from disease, and/or enhance overall animal health.

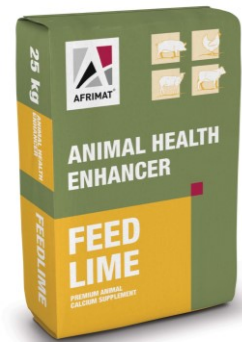


- Soil enhancer
- Enhances plant nutrition uptake
- Reduces acidity through increased pH levels
- Source of calcium and magnesium
- Improves drainage in heavy clay soils
- Helps combat club root disease in cabbage and brassicas
- Easy to use
- Used in all types of soils



Hygienic and eco-friendly product that creates a stable alkali environment inhibiting bacterial growth, improving biosecurity, reducing odours and preventing the spread of contagious disease

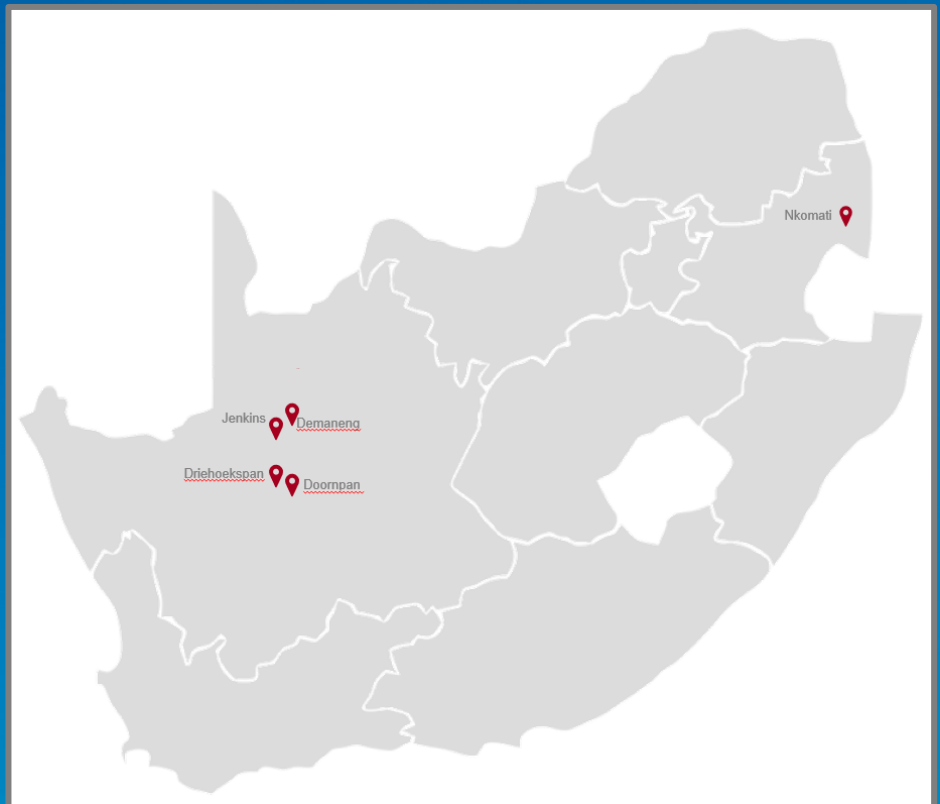
- Kills bacteria
- Is cost effective
- Applies easily
- Provides lasting protection






- 100% Organic Feed Lime
- Natural Animal Health enhancer
- Premium animal calcium supplement
- Easy to use

Bulk Commodities

- Iron Ore
- Manganese
- Anthracite



Bulk Commodities

Iron Ore	Anthracite	Manganese (Coza Mining)
		
<p>Mined at Demaneng, Jenkins, Driehoekspan and Doornpan.</p> <p>All ore products are manufactured in accordance with customer specifications and sold in terms of the Platts iron ore 62% grade for export. The utilisation of an in-house test laboratory for continuous process control and quality and specification statements are generated by an outsourced accredited laboratory.</p> <ul style="list-style-type: none">▪ Top-end quality iron ore from Hematite geology +65% Fe▪ Lump and fine fraction product range▪ Siliceous manganese ore▪ Mixed metal manganese ore	<p>Nkomati consists of the Mangweni underground and Madadeni opencast sections covering approximately 11 000 hectares.</p> <p>The mine is unique in terms of its location and can utilise return loads from Maputo facilities to reduce logistical costs and increase profit generation for the end-user.</p> <p>The operation produces the best anthracite in South Africa and the product is unique due to its low Sulphur content. All run of mine coal is trucked from the respective mining areas to a central processing facility where it is upgraded through a dual-circuit dense medium separation plant.</p> <p>All products are sold free on-truck to the local market for use in their ferroalloy smelters as a high-carbon reductant.</p>	<p>Usage in manufacturing steel</p> <p>Manganese is used in various combinations as an additive to make steel and special alloys that report to a host of modern products. Its excellent wear resistance qualities make it an additive of choice where metal intersects with other elements to be ground down or reduced.</p> <p>With the latest developments in battery and power storage technology, manganese is progressively becoming a strategic product in a “green” environment.</p>

Afrimat Mining Services

- Mine planning
- Bulk Drilling and Blasting
- Load and Haul
- Crushing and Screening
- Beneficiation of materials
- Pit-to-port solutions
- Mine rehabilitations
- Rail loadout management & logistics



Afrimat Mining Services



Afrimat Mining Services offers full pit-to-port solutions to the mining, construction, and quarry industry throughout Southern Africa.

With more than 50 years of experience, a track record of delivering exceptional services, and the utilisation of the latest technology and equipment, ensures operational efficiency and downstream cost savings for our customers.

Contract Mining

We specialize in

- Mine planning
- Bulk Drilling and Blasting
- Load and Haul
- Crushing and Screening
- Beneficiation of materials

Contract Crushing & Screening

Afrimat's Contract Crushing and Screening division operates throughout Southern Africa and provides mobile and fixed crushing and screening solutions for the mining, construction, and quarry industry.

With our modern fleet of mobile crushers and vast experience in hard rock quarry crushing, we provide road stone, base coarse, sub-base, concrete stone, and ballast according to project requirements.

Afrimat Mining Services

Bulk Drilling & Blasting

The Drilling & Blasting division operates a modern fleet of top-hammer and down-the-hole hammer drill rigs and offers a complete professional rock-on-ground service tailored to customer requirements.

Our diverse fleet enables us to drill a wide range of hole sizes, up to 203mm diameters, while utilising modern blasting software ensures that we meet all required safety standards and deliver end-result customer satisfaction.



Technology ranges from blasting software that assists in optimizing blast designs and the end result, to predicting and managing the target PPV outcome and bench face profiling and borehole tracking. In conjunction with these technologies, we utilize the latest bulk emulsion products, cartridge explosives, ANFO, and shock tube and electronic initiation systems to tailor products to our customer's requirements.

This division has the capacity to drill and blast up to 19 000 000 benched cubic meters per annum.



Road-to-Rail load-out Facility

Constructed next to the Afrimat Iron Ore mine in the Northern Cape, Afrimat Mining Services also manages and operates a wagon load-out facility.

This gives Afrimat unique access to the Transnet railway network.

Future Materials & Metals

- Phosphate
- Vermiculite
- Potential Rare Earth Elements
- Hemp Construction



Introduction

The segment, established in 2022, consists of Green Construction and the Glenover project, which diversifies Afrimat's exposure to ferrous metals and aligns it to global trends such as the advancement of technology for decarbonisation and food security.

Glenover Phosphate

The project contains three essential businesses:

1. **Fertiliser** for agricultural applications;
2. **Vermiculite** for various applications from industrial to horticulture; and
3. **Potential rare earth elements**, supporting technological advancements such as high-strength permanent magnets and battery technology

Current reserves of phosphate & vermiculite, provide for a resource life of more than 20 years.

This acquisition further expands the Group's offerings in line with its diversification strategy.



PIONEERING GREEN CONSTRUCTION IN SOUTH AFRICA



Our breathable products are waterproof and allow moisture to evaporate easily through the surface, reducing condensation, mould and mildew.



BENEFITS OF BUILDING WITH OUR HEMPCRETE BLOCKS



- Eco friendly 
- Insulating 
- Sound absorbing 
- 100% natural 
- Fire resistant 
- Energy saving 
- Durable 

AFRIMAT HEMP is a Cape Town-based company, pioneering and benefiting the industrial hemp value chain in Africa.

Afrimat Hemp specialises in:

- Hemp decortication and processing
- Natural building materials
- Bulk processed hemp materials



**CONSISTENTLY
DELIVERING**