20 MICRONS®
LIMITED

PERFORMANCE MINERALS
FUNCTIONAL ADDITIVES
ADVANCED MATERIALS

Our Alchemy for a Sustainable Future

20 MICRONS nano™ | 20MCC® Improve The Life Of Your Construction | MINFERT® Natural Product to Enhance Plant Growth | silcol™ Craft your aspiration | hahne

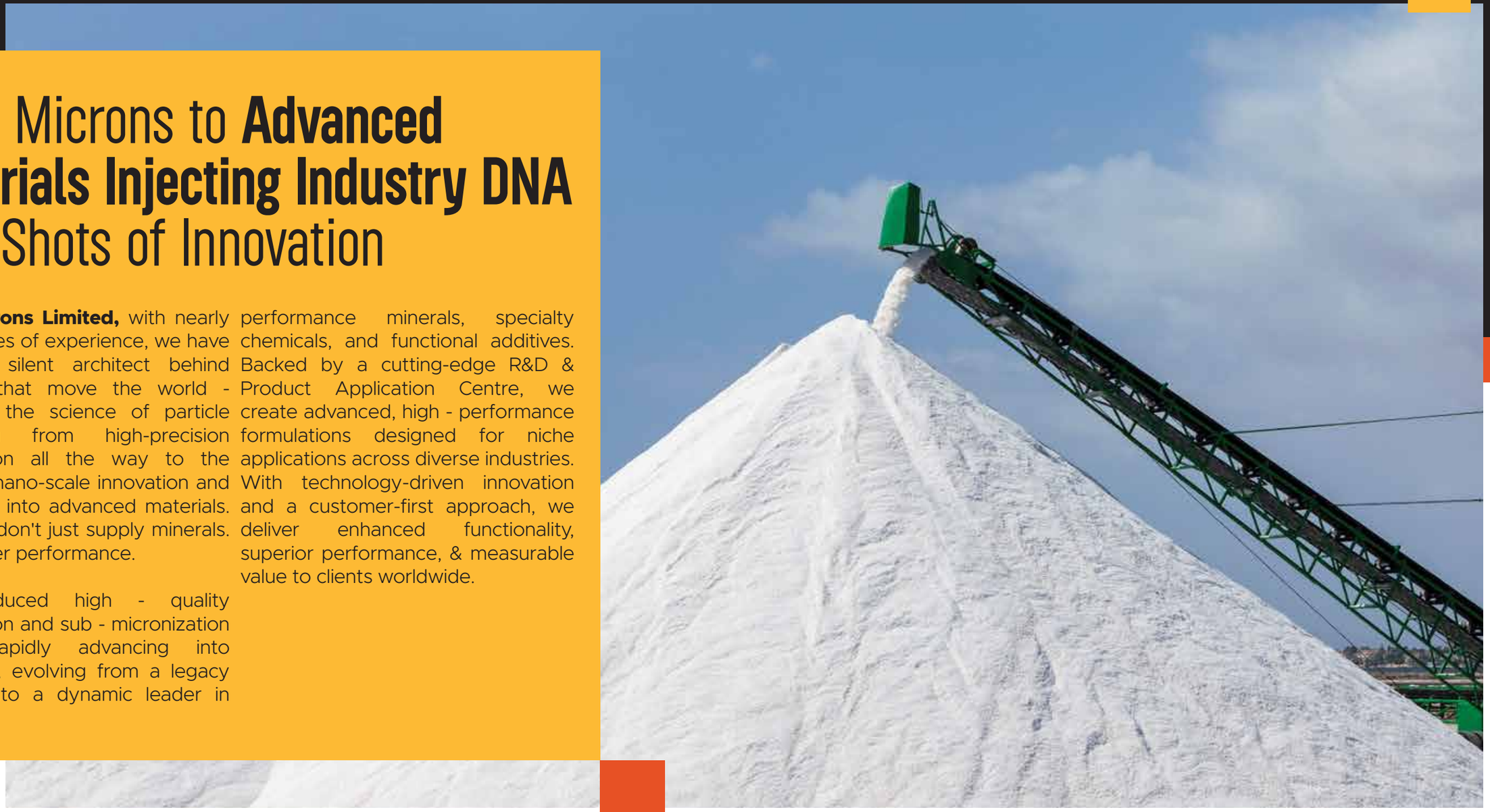
JULY 2026

www.20microns.com

From Microns to **Advanced Materials Injecting Industry DNA** with Shots of Innovation

At **20 Microns Limited,** with nearly four decades of experience, we have been the silent architect behind industries that move the world - pioneering the science of particle engineering from high-precision micronization all the way to the frontier of nano-scale innovation and broadening into advanced materials. Today, we don't just supply minerals. We engineer performance.

We introduced high - quality micronization and sub - micronization & are rapidly advancing into nano-sizing, evolving from a legacy business into a dynamic leader in performance minerals, specialty chemicals, and functional additives. Backed by a cutting-edge R&D & Product Application Centre, we create advanced, high - performance formulations designed for niche applications across diverse industries. With technology-driven innovation and a customer-first approach, we deliver enhanced functionality, superior performance, & measurable value to clients worldwide.



© 2026 20 Microns Limited. All Rights Reserved

From India's Mineral Pioneers to Global Solutionists.

Rooted with local strength, rising through innovation.

Shaping global impact with Indian excellence.

आत्मनिर्भर भारत

Aligning With
Goverments Vision Of

"MAKE IN INDIA"
and
"AATMANIRBHAR BHARAT" Programs.

© 2026 20 Microns Limited. All Rights Reserved

CATALYSTS FOR IMPACT

Relentless Innovation Driving Transformative Growth

Sustainability at the Core of Progress

Accelerating Through Digital Precision

Operational Excellence Fuelling Profitable Growth

© 2026 20 Microns Limited. All Rights Reserved

VISION
MISSION

Vision:
Defining the Standard

To redefine innovation in performance minerals and functional additives by nurturing sustainable practices and digital excellence, while empowering industries worldwide through our smart materials, technological advancement and responsible growth leading to a global leadership position.

Mission:
Delivering the Future

We believe in accelerating the transition in touching everyday life through our innovative, functional and specialty minerals and additives by leveraging advanced R&D, operational excellence, and sustainable practices while harnessing technology and talent. Our commitment to exceeding customer satisfaction leads to empowering industries worldwide and digital transformation, reducing environmental impact, responsible practices, and driving long term value for all stakeholders in a rapidly evolving industrial minerals landscape. We strive to lead with quality, integrity and impact across industries and borders by fostering a culture of continuous learning, collaboration and ethical excellence.

© 2026 20 Microns Limited. All Rights Reserved

EXECUTIVE SNAPSHOT

Consolidated Revenue
INR 953Cr.
(USD114.8 Mil)

39+
Over Years of Industry Experience

83+
Countries of Product Exports

Market Cap
~700Cr
(USD 67 mil)

20+
Manufacturing & Distribution Sites

2+
State of the Art R & D Units

14
Warehouses located Across India

10
Manufacturing Units

BSE & NSE
Listed
(Since 2008)

800+
Happy Workforce

10
Mines

4 Subsidiaries
4 Step Down Subsidary
2 Associate / JV Company

© 2026 20 Microns Limited. All Rights Reserved

MANAGEMENT

Mr. Rajesh C. Parikh

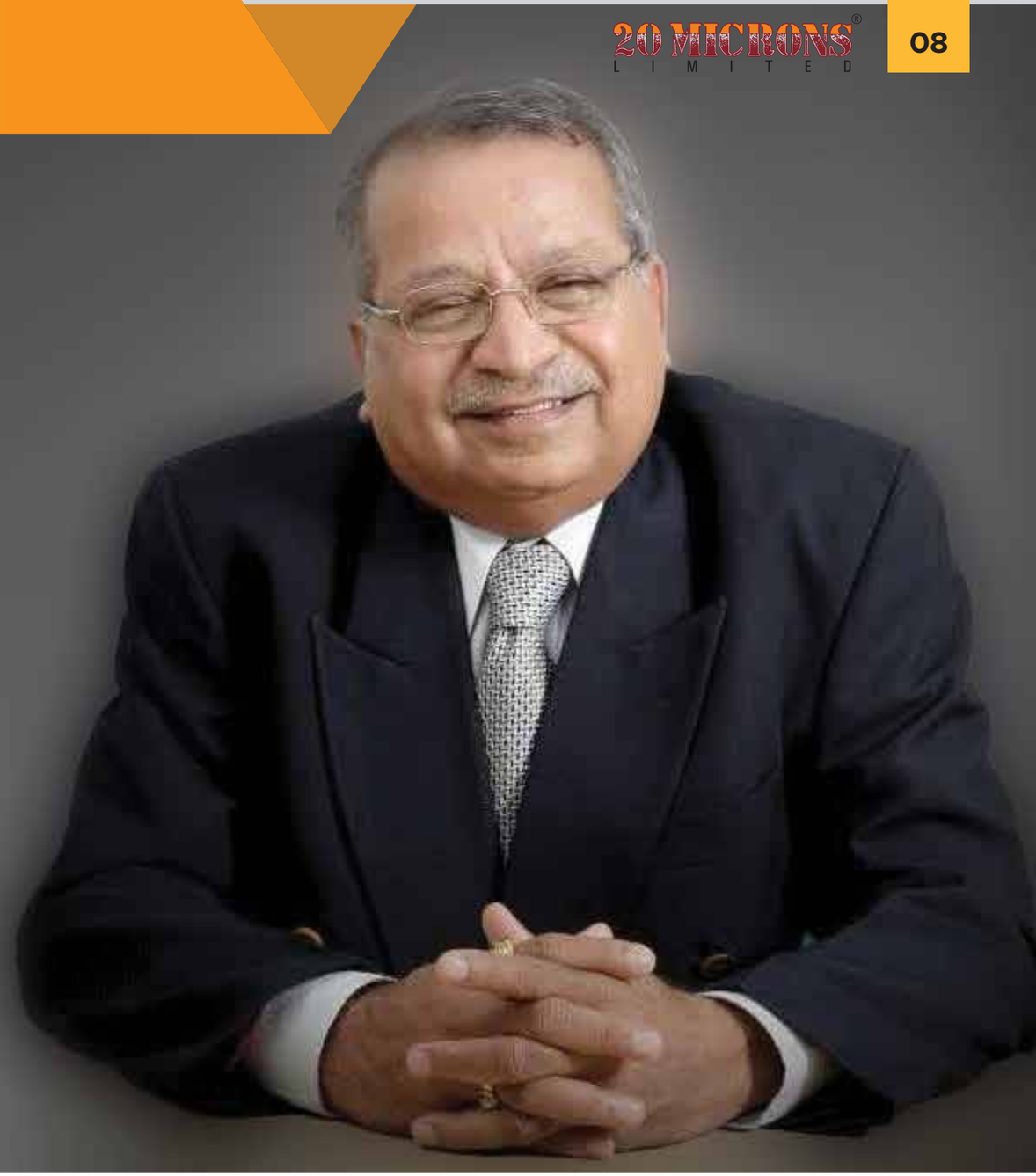
Chairman & Managing Director

Mr. Atil C. Parikh

CEO & Managing Director

© 2026 20 Microns Limited. All Rights Reserved

FOUNDER & EX CHAIRMAN



Late

Chandresh S Parikh

(6th March 1946 to 9th June 2021)

As the Founder & Chairman at 20 Microns Limited for over three decades since its inception, he has seamlessly blended entrepreneurial vision with the highest standards of corporate governance.

Widely respected as a stalwart of the industry and better known as Mineral Man of India, he has been instrumental in shaping the landscape of India's specialised Industrial Minerals sector.

© 2026 20 Microns Limited. All Rights Reserved

GROUP STRUCTURE

SUBSIDIARIES

20 MICRONS NANO MINERALS LTD

Engaged in the manufacturing of nano sized minerals and specialty chemicals, with a strong focus on functional additives and chemically engineered mineral based solutions

20 MICRONS FZE (SHARJAH)

Driving global trade in industrial minerals through strategic contract manufacturing based export operations

20 MCC PVT LTD

Specialized Mineral and Polymer based Water proofing range of Construction Chemicals (20 MCC)

Mineral Based Plant Growth Promoters, Soil Conditioners & Activators, Pesticides, Root Stimulators (MinFert)

20 MICRONS SDN BHD (MALAYSIA)

20 MICRONS VIETNAM

GTLQ
Malaysian Limestone Reserves and Processing

IQ MARBLE
Malaysian Limestone Reserves and Processing

20 MICRONS CHINA
Guizhou Twenty Micron International Trade Co.Ltd.

JV/ASSOCIATE COMPANIES

DORFNER 20 MICRONS

Indo-German JV – Colored Quartz

SIEVERT 20 MICRONS BUILDING MATERIALS

Indo German JV – Tile Adhesives and Advanced Liquid Construction Chemical Solutions

© 2026 20 Microns Limited. All Rights Reserved

DEFINING MOMENTS

37 YEARS OF BOLD MOVES - A LEGACY BUILT ONE MILESTONE AT A TIME

1987

with the commencement 20ML started its journey of commercial production at its Waghodia facility

1990 1995

Strengthened its market position with the implementation of quality management systems

Boosted production capabilities by expanding production capacity Bolstered manufacturing capabilities with the commencement of second manufacturing unit at Vadadala

1996 2000

Bolstered manufacturing with the commencement of new facility at Hosur (South India)

Enhanced our portfolio by diversifying into manufacturing of Kaolin at Bhuj

2001 2005

Further enhanced manufacturing capabilities by setting up two new manufacturing facilities at Alwar and Tirunelveli

2006 2010

Grew our international presence by establishing new territories and sales channels in some of the key markets such as the European, North American and Latin American continents.

Marked our international manufacturing presence by setting up an operation in Malaysia for CaCO3.

2011 2015

To strengthen our presence across industries and to further strengthen our product portfolio, we established our state-of-the-art R&D Centre at Waghodia, Vadodara.

Our R&D facility is being recognized and approved by DSIR, Government of India.

2016 2020

Enhanced portfolio by initiating the manufacture of functional additives.

Expanded Malaysia operations for Calcium Carbonate.

Boosted our manufacturing capabilities by forming a subsidiary 20Microns JSC in Vietnam focused towards the manufacturing of CaCO3.

Inked a deal with Dorfner GmBH Germany as the exclusive distributor of Hydrous Kaolin across Europe.

2021 2022

Timely met the debt repayment obligations of our bankers despite a challenging business environment.

Enhanced our credit rating A-

Entered into JV agreement with Dorfner to further strengthen 20ML's international presence

2023 2024

Enhanced our sustainability portfolio by bagging the Ecovadis Gold Certification

Boosted our Manufacturing at Alwar, Udaipur and Makrana in Rajasthan

Expanded our Functional Additives Portfolio to newer applications

2024 2025

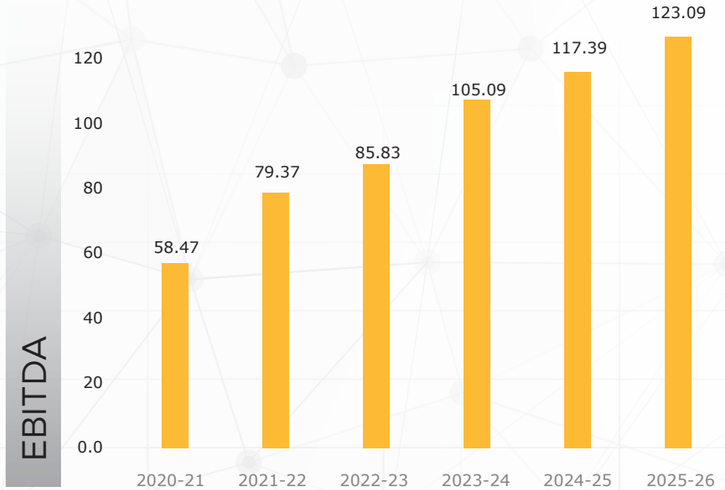
Expanded its global presence by entering into definitive agreements to acquire 100% equity interest in GTLQ SDN BHD and IQ Marbles SDN BHD, a well-established limestone extraction and processing businesses based in Ipoh, Malaysia.

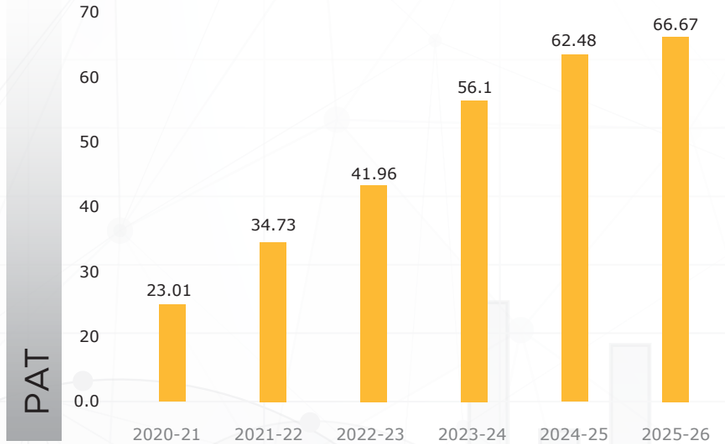
2025 2026

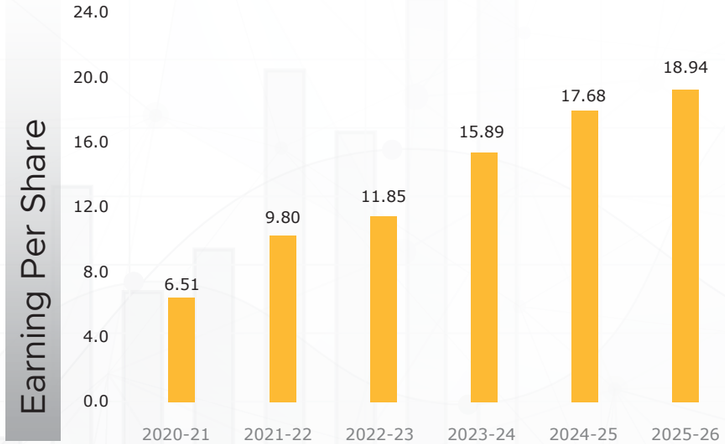
Inaugurated Manufacturing Operations of new **JV with Sievert Baustoff GmbH,** Germany for Tile Adhesives & Construction Chemicals

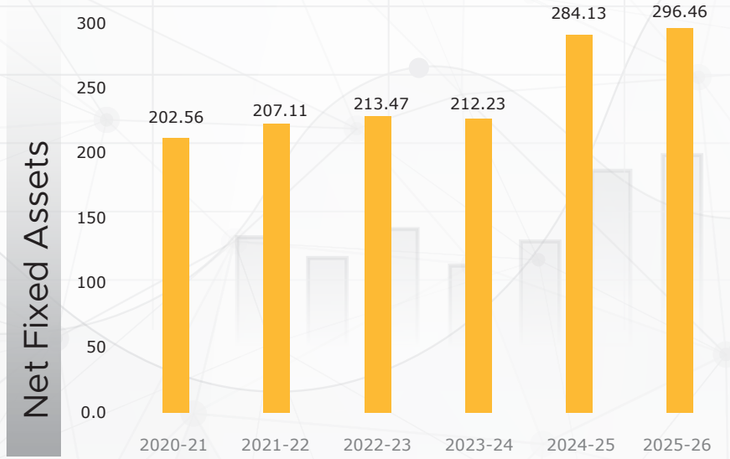
© 2026 20 Microns Limited. All Rights Reserved

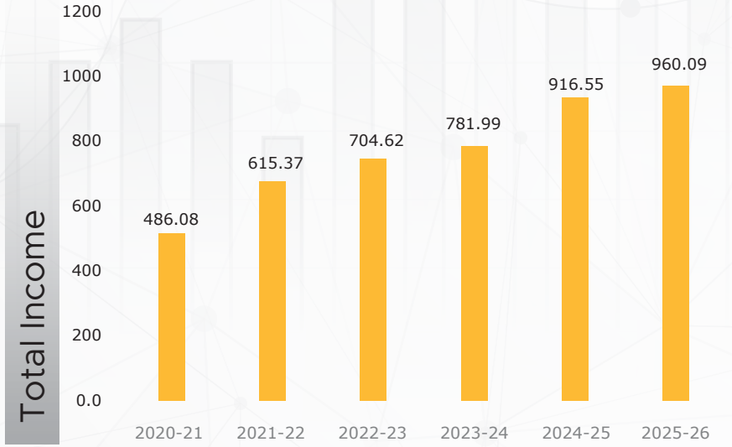
FINANCIAL GRAPHS

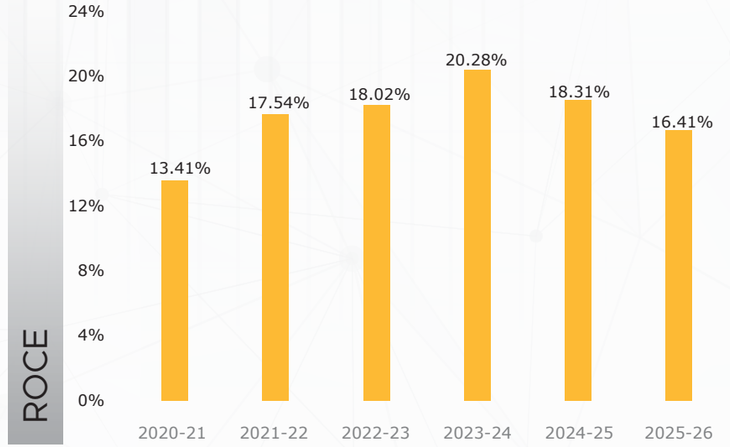












Values in Cr (INR)

© 2026 20 Microns Limited. All Rights Reserved

LOCATIONS

© 2026 20 Microns Limited. All Rights Reserved

MINING RESOURCES

RESERVES IN MINING LEASES

13.5

MILLION TONS

© 2026 20 Microns Limited. All Rights Reserved

INDUSTRY EXPERTISE

DIVERSE PRODUCTS. 20+ INDUSTRIES. INFINITE POSSIBILITIES.

Paints & Coatings

Plastics & Polymers

Rubber

Agro Chemicals

Cosmetics & Personal Care

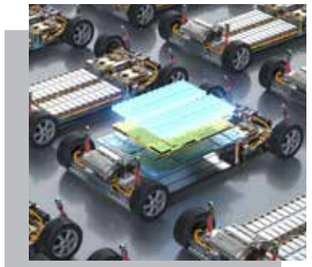
Oral Care

Ceramics & Refractories

Foundry & Castings

Oil & Gas

Adhesive & Sealants



Battery & Fuel Cells

Wire & Cables

Petro Chemicals

Inks & Pigments

Construction

Powder Coatings

Paper & Packaging

Filtration

Building Materials

Friction Materials

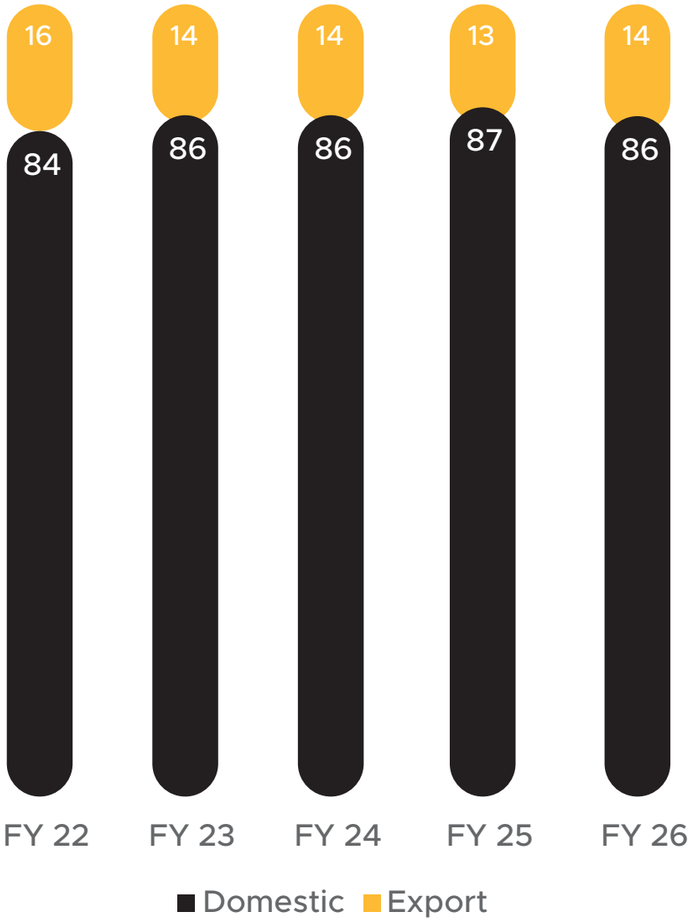
Lubricants

& MORE...

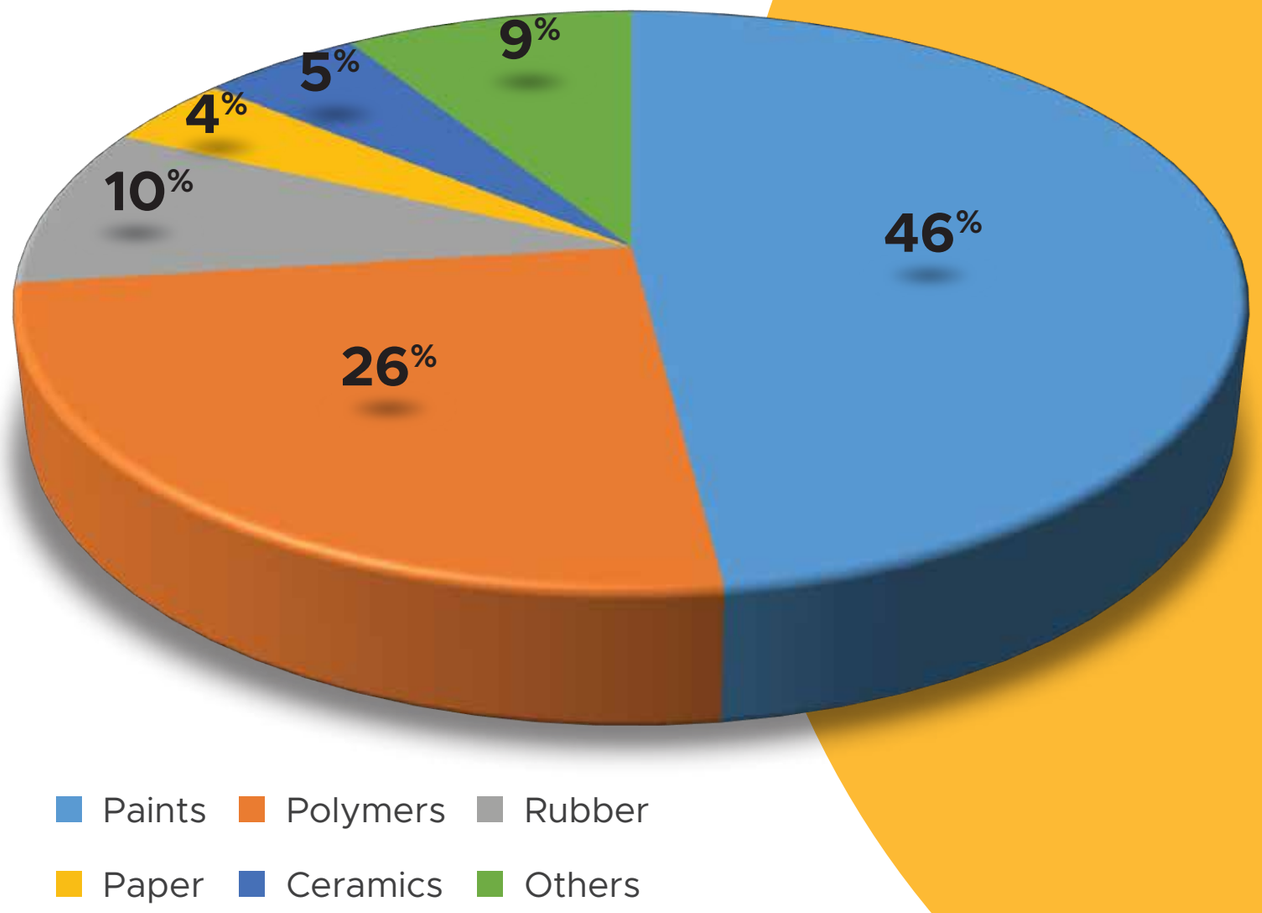
© 2026 20 Microns Limited. All Rights Reserved

SEGMENTAL PIE

EXPORT SHARE IN REVENUE (%)



REVENUE CONTRIBUTION



© 2026 20 Microns Limited. All Rights Reserved

PRODUCT OFFERINGS

INDUSTRIAL MINERALS

- Ground Calcium Carbonate
- Dolomite
- Hydrous Kaolins
- Calcined Kaolins
- Talc
- Natural Barytes
- Silica / Quartz
- Muscovite Mica
- Feldspar / Nepheline Syenite
- Diatomaceous & Siliceous Earth
- Bentonite & Attapulgite
- Natural Red Oxide
- Synthetic Red Oxide

FUNCTIONAL ADDITIVES

- White/Buff & Grey Colored Rutile TiO_2
- White Pigment Opacifier
- Synthetic Barium Sulphate
- Delaminated Kaolin
- Processing Aids
- Antiblocking Additives
- Matting Agents
- Rheological Additives
- Inorganic Thickeners
- Flame Retardants
- Calcium Oxide Desiccant
- Activators for Rubber
- High Aspect Ratio Talc
- Sub Micron $CaCO_3$
- Fumed, PPT. & Amorphous Silica
- Decorative Colored Quartz Sand
- IR Additives
- Light MgO
- Engineered ZnO

WAX ADDITIVES

- Flow Modifier
- Anti Ozone Wax
- Peptizer & Homogenizers
- Mold Release Wax Additives
- Processing & Dispersive Wax Additives
- Modified PE Wax Additives
- Antitack Batch Off Additives
- Slip Additives

20MCC MINFERT

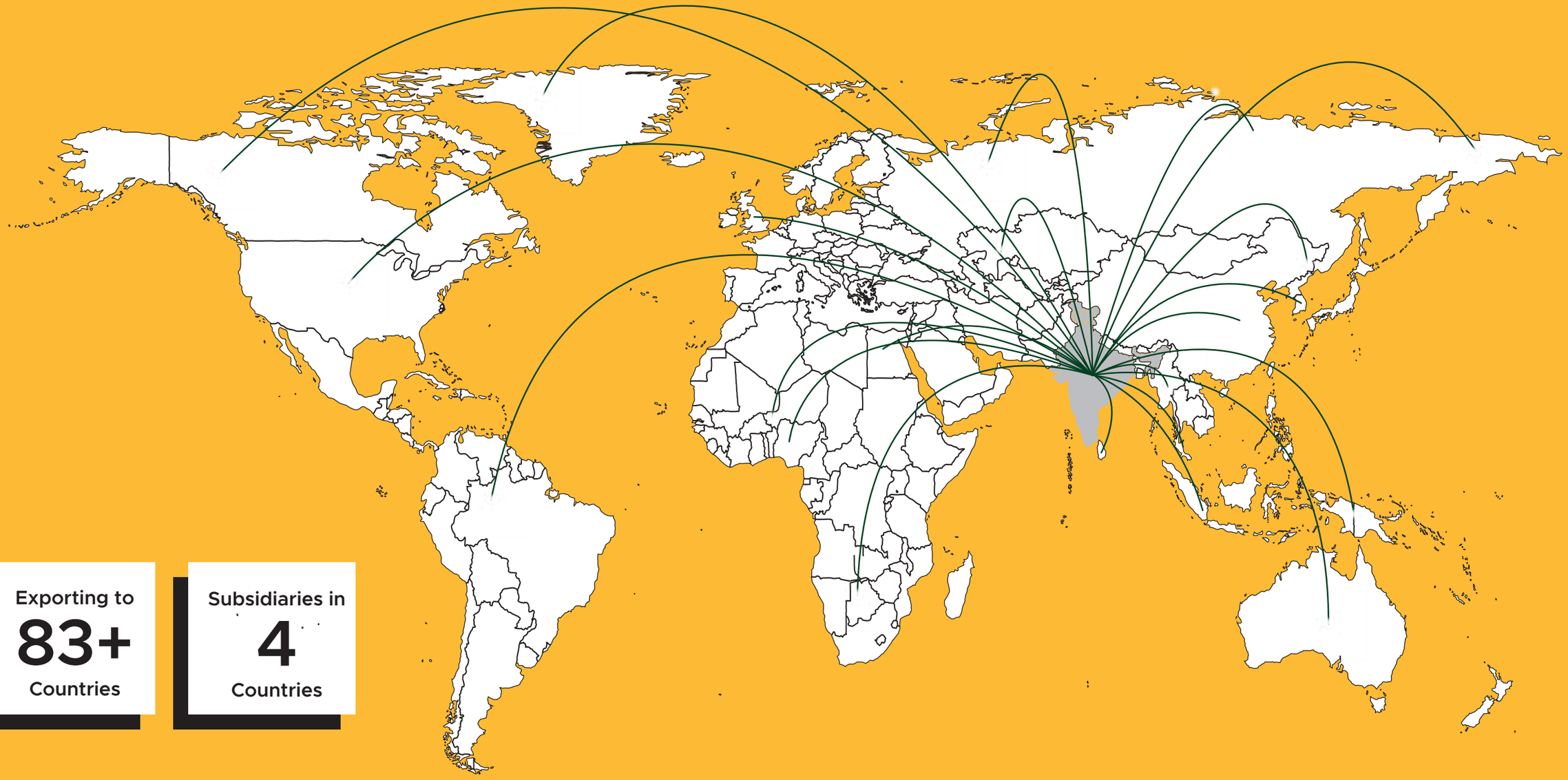
- Minfert BLK Granules
- Minfert BLK Liquid
- Minfert GBR Granules
- Minfert GBR Liquid
- Minfert Reskue
- Minfert Humicrons
- Minfert Geo Care
- Minfert Thalaivaa
- Minfert Tiger Booster
- Minfert Thrips Kranti
- Minfert Nipho
- Minfert Stilk
- Minfert Potlum
- Minfert Sio Soli
- Minfert Corrhiza
- Tiotiko Granuls
- Tiotiko Powder
- Minfert Sl-90 (90% Sulphur Powder)
- Magik Mitti
- Bloom Vita
- Mitti Veda
- Plant Mitra
- Plant Saathi
- Reskue
- Plantiva

20MCC-CONSTRUCTION

- Tigersil
- Nanosil
- Cracksil
- Micronsil 30C/ Plus
- MetaKrete
- Rainbowsil
- Roadsil
- Rumido
- Plugsil
- Micron Balls
- Krakido
- Colido

© 2026 20 Microns Limited. All Rights Reserved

GLOBAL PRESENCE

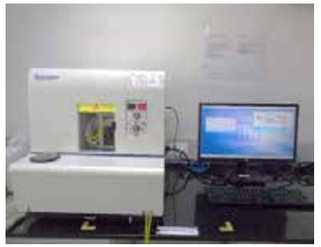


Exporting to
83+
Countries

Subsidiaries in
4
Countries

© 2026 20 Microns Limited. All Rights Reserved

INFRASTRUCTURE



© 2026 20 Microns Limited. All Rights Reserved

STRATEGIC BUSINESS ENABLERS

15 PILLARS. ONE DIRECTION - UPWARD.

- Expanding Retail Network in Construction Chemicals & Mineral Fertilizers
- Unleashing Global Potential
- Strengthening our Domestic & International Distribution Network
- Wide Spectrum of End User Industries & Markets
- Diverse Product Suite
- Powerful Brand Resonance
- Cultivating Talent with Knowledge, Responsibility & Ethics
- Elevating Sustainability, Safety & Environment Standards
- Maximizing Value Through Product Innovation
- Exclusive Mine Holdings & Holistic Supply Chain
- Building Alliances, Strategic Partnerships & Bold Evolution
- Experienced Leadership with Strategic Focus
- Comprehensive Infrastructure & Distribution Ecosystem

© 2026 20 Microns Limited. All Rights Reserved

INNOVATION & APPLICATION CENTRE

© 2026 20 Microns Limited. All Rights Reserved.

WHERE CURIOSITY MEETS CHEMISTRY

2 Centres
Vadodara's twin hubs of high-performance research

60+ Minds
Scientists & Specialists united by one mission

Team of over **20** scientists

1 Standard
DSIR-Certified Excellence

State of the Art **Microbiological** Lab @ Alwar

Continuous **Product Performance** Improvements

Customized Product Driven Solutions for our Customers

Focused Approach on **Cost Effective Formulations & Environmentally** Safe Products

High End **Technical Equipments** & Facilities

Applications From nano-scale breakthroughs to industrial-grade solutions

© 2026 20 Microns Limited. All Rights Reserved

PAINTS & COATINGS
PRINTING INKS & PIGMENTS

© 2026 20 Microns Limited. All Rights Reserved

TECHNICAL APPLICATIONS

- Industrial Paints
- Coil Coatings
- Powder Coatings
- Cementitious Putties
- Primers & Distemper
- Emulsion Paints
- Solvent Base Paints
- Vibro Shaker
- Bead Mill
- Stucco Paints
- Viscometers
- Gloss Meter
- Dispermat
- X-Rite Color Spectro-photometer
- Krebs Stomer Viscometer
- Wet Scrub Resistance Meter

© 2026 20 Microns Limited. All Rights Reserved

TECHNICAL CENTER

Sedigraph

Malvern MS 3000

Low-Capacity High Speed Dispermat

Wet Scrub Resistance Meter

Salt Spray Cabinet

Vibro Shaker

Datacolor Spectrophotometer

Large-Capacity High Speed Dispermat

Brookfield Viscometer

Gloss Meter

Kreb Viscometer

Bead Mills

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE FUNCTIONAL ADDITIVES FOR PAINTS & COATINGS

CATEGORY	GRADE NAME	DESCRIPTION
High Performance Kaolin	Hyperfine, Hyper 80, Glazex Series,	Calcined Kaolin
	Pearlgloss 90, Supergloss 90	Fine Hydrous Kaolin
Engineered Kaolin	Hyperglan	Ultra Fine Calcined Kaolin For Sheen And Opacity Enhancer
	Hyperscrub 300	Flux Calcined Kaolin For Scrub Resistance
	Hyperfill J	Coarser Calcined Kaolin
	Hyperlite EST & EST PLUS	Surface Modified Kaolin For Anticorrosion Paint And Water Proffing
	Synsil SM 405	Synthetic Sodium Magnesium Aluminum Silicate
	Pearlglan & Pearlglan Plus	High Sheen Nano Hydrous Kaolin
Calcium Carbonate	Vaporlite 90 T/ CTD, Vaporgloss 90, C-Gloss, C-Gloss DX	Sub-Micron $CaCO_3$
	Micronlite AR 2/ Micronlite KN / Micronlite KNT/ Micronlite SPV/ Karbogel 60	Nano Surface Modified $CaCO_3$ For Adhesive & Selaent Applications
	Milcglan	Excellent Sheen Propeties Enhancer
Opacifiers	LC Pigment Series/ Lithomer Series C-Tox H (Buff Color Rutile TiO_2) G-Tox H (Grey Color Rutile TiO_2)	White Pigment Opacifier Color Base Pigment Opacifier
Matting Agent	Fusyl Series	Fumed Silica
	Fmsil Series	Precipitated Silica
	Vapormat & Amorphlos	Cost Effective Ecofriendly Natural Matting Agent

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE FUNCTIONAL ADDITIVES FOR PAINTS & COATINGS

CATEGORY	GRADE NAME	DESCRIPTION
Color Quartz	Geosil Art & Geoquartz	Decorative Thermally Stable Colored Quartz
Mica & Talc	AR Mica, AR Talc	Specially Wet Grinded Mica & Talc To Maintain Aspect Ratio
Inorganic Rheological Modifiers	Hydroxylgel & Atpel Series	For Water Base Paint System
	Hydroxylgel A1	Phyllosilicate Based Additives For Water Base Paint System
	Hydroxylgel 90T	
	Hydroxylgel 70T	
	Hydroxylgel A2 & A4W	Modified Phyllosilicate Based Additives For Cementitious Putty System
	Atpgel 50	Attapulgite Base Additive For Water Base Paint System
	Riobent Series	Modified Montmorillonite Base Additive For Solvent Base Paint System
Wax In Powder And Granules Form	Flowax Series	Polyethylene Wax , Vegatable Based Amide Wax, Synthetic Fischer-Tropsch Wax, PTFE Wax
	Flowax IB	Ultramilled Polythylene Wax Powder
	Flowax AU 9	Micronized Polythylene Wax Powder
	Flowax H1G	Micronized Synthetic Fischer-Tropsch Wax Powder
	Flowax MJ 22	Micronized Synthetic Wax Powder
	Flowax IW	Micronized Fischer-Tropsch Wax Powder
	Flowax VL	Vegetable Oil Based Amide Wax Powder Or Beads
	Flowax C	Ethlyene Bis Stearamide Wax Powder Or Beads
	Flowax PTFE	Micronized PTFE Wax

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE FUNCTIONAL ADDITIVES FOR PAINTS & COATINGS

CATEGORY	GRADE NAME	DESCRIPTION
Wax In Emulsion Form	Flowax Emulsion Series	Polyethylene Wax Emulsion , Oxidized Polyethylene Wax Emulsion, Hydrocarbon Wax Emulsion, Paraffin Wax Emuslion
	Flowax 40	Polyethylene Wax Emulsion For Surface Protection
	Flowax EO	Oxidized Non Ionic Polythelene Wax Emuslion
	Flowax EO A	Oxidized Polythelene Wax Emuslion
	Flowax JW4	Polyethylene Wax Emulsion For Rub & Scuff Resistance
	Flowax ER	Hydrocarbon Based Wax Emulsions
	Flowax PR	Paraffin Based Wax Emulsions
Mica & Talc	Ar Mica, Ar Talc	Specially Wet Grinded Mica & Talc To Maintain Aspect Ratio
Feldspar	Phelmer & Silfermin Series	Sodium, Potassium Based Aluminum Silicate For Water And Solvent Base Paint
Halogen Free Flame Retardant	Al FR & Mag FR Series	Aluminum Trihydrate & Magnesium Hydroxide For Water And Solvent Base Paint
High Purity Natural Micronized Silica	Cylka Series	Chemically Inert Additives For Texture And Exterior Coatings
Matting Agent	Fusyl Series	Hydrophobic & Hydrophilic Fumed Silica
	Fmsil Series	Hydrophobic & Hydrophilic Precipitated Silica
	Amorphlos & Diatofill 570	Natural Diatomaceous Earth Based Matting Agent
	Mysil 175	Spray Dried Amorphous Precipitated Silica

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE FUNCTIONAL ADDITIVES FOR PRINTING INKS

CATEGORY	GRADE NAME	DESCRIPTION
High Performance Kaolin	Pearlsphere LFG	Chemically Modified Engineered Material
	Pearlglan	Ultrafine & Lower Yellow Under Tone Engineered Kaolin
	Pearlglan Plus	
	Pearlgloss 90	Ultrafine Kaolin
	Supergloss 90	
	Synsil SM 405	Synthetic Sodium Magnesium Aluminum Silicate
	Hyperglan	Ultrafine Engineered Calcined Kaolin
Opacifier	White Pigment Opacifier	
	LC Pigment & Lithomer Series	For Water And Solvent Base Ink System For Partial TiO_2 Replacement
	Color Pigment Opacifier	
	C-Tox H (Buff) & G-Tox H (Grey) Series	For Color Base Ink System For TiO_2 Replacement
Calcium Carbonate	Milcglan & Microngloss	Excellent Sheen And Opacity Enhancer
	Vaporlite 90T & CTD	Sub Micron Size $CaCO_3$
	Karbogel 60	Nano Surface Modified $CaCO_3$
Matting Agent	Fusyl Series	Hydrophobic & Hydrophilic Fumed Silica
	Fmsil Series	Hydrophobic & Hydrophilic Precipitated Silica
	Amorphlos & Diatofill 570	Natural Diatomaceous Earth Based Matting Agent
	Mysil 175	Spray Dried Amorphous Precipitated Silica

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE FUNCTIONAL ADDITIVES FOR PRINTING INKS

CATEGORY	GRADE NAME	DESCRIPTION
Wax & Wax Emulsion	K Tint IB	Ultra Milled Polyethylene Wax
	K Tint IW	Micronized & Classified Fischer-Tropsch Wax
	K Tint MJ 22	Advanced Micronized Fischer-Tropsch Wax
	K Tint AU 9	Highly Durable Micronized Polyethylene Wax
	K Tint H1G	Fischer-Tropsch Micronized Hard Wax
	K Tint -VL	Vegetable-Oil-Based Amide Wax
	K Tint - PTFE	Micronized Polytetrafluoroethylene (PTFE)
	Wax Emulsions	
	K Tint -40	Low-Polarity Oxidized Polyethylene Wax Emulsion Stabilized With A Nonionic Emulsifier
	K Tint -JW4	Micronized Polyethylene Wax Based Emulsion
	K Tint EO & EO A	Oxidized Polyethylene Wax Emulsion
	K Tint PR	Paraffin Wax Emulsion
	K Tint- GEL	Polyethylene Wax Gel & Oleo Deravatives
Talc & Mica	AR Talc & AR Mica	Specially Wet Grinded Materials to Maintain Aspect Ratio And Properties
Inorganic Rheological Modifiers	Hydroxylgel A1	Phyllosilicate Based Additives For Water Base Ink System
	Hydroxylgel 90T	
	Hydroxylgel 70T	
	Atpgel 50	Attapulgite Base Additive For Water Base Ink System
	Riobent Series	Modified Montmorillonite Base Additive For Solvent Base Ink System

© 2026 20 Microns Limited. All Rights Reserved

RUBBER

© 2026 20 Microns Limited. All Rights Reserved

TECHNICAL APPLICATION

Tyres & Tubes	Hoses	Pharma Rubber Stopper	Footwear	Surgical Gloves	Molded Auto Components
Rubber Cable	Vee Belt & Conveyor Belt	Latex Rubber Products	EPDM Profile	Rubber Roller	Rubber Sheets & Mats
300% Modulus	Tensile Strength	Elongation at Break	Hardness (Shore-A)	Abrasion Resistance	Resilience

© 2026 20 Microns Limited. All Rights Reserved

TECHNICAL CENTER

Universal Testing Machine

Moving Die Rheometer

Two Roll Mixing Mill

Hydraulic Press Machine

Dumbbell Cutting Press

Compression Se Apparatus

Vertical Rebound Tester

DIN Abrasion Tester

REMI Laboratory Stirrer

Laboratory Ball Milling Machine

IR & VR Testing Machine

Hot Air Ageing Oven

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR RUBBER

Product	Grade Name	Major Application	Brief Description
Anti Ozone Wax	K STOFF R	Non Tyre Application	Fast-migrating antiozonant wax delivering rapid ozone protection with low bloom.
	K TOMER R	Tyre Application	Advanced antiozonant wax providing superior, long-lasting ozone protection performance.
Peptizer	K TOMER F50A	Physical Peptizer - All Rubber	Rubber-soluble zinc soap promoting faster mastication and filler incorporation.
	K TOMER F60T	Physical Peptizer - All Rubber	High-efficiency zinc soap improving flow, scorch safety, and mixing.
	K TOMER P89	Chemical Peptizer - All Rubber	DBD-based peptizer enabling rapid mastication of natural rubber compounds.
	K TOMER R11	Chemical Peptizer - All Rubber	DBD-based peptizer reducing mastication time and improving processing efficiency.
Mold Release Wax Additives	K TOMER W16	All Molded Rubber Products	Internal lubricant delivering superior flow, mold release, and stability.
	K TOMER W42	All Molded Rubber Products	Premium dispersing aid enhancing filler distribution, injection speed, surface finish.
Processing & Dispersive Wax Additives	K TOMER W212	Footwear, Hose	Versatile processing aid improving dispersion, mold filling, flow, release.
	K TOMER W215	General Extruded Rubber	Multi-purpose processing aid optimizing flow, dispersion, and surface appearance.
	K TOMER W222	Automotive & auto Resistant Rubber	Specialized processing aid enhancing release, flow, and dispersion performance.
PE Wax Additives	FAST FLOW SG	Hose, Belt	Multifunctional processing aid improving lubrication, filler dispersion, flow characteristics.
	FLOWAX R60	All Rubber Products	Microcrystalline wax delivering lubrication, weather resistance, and ozone protection.
	FLOWAX BLK	All Rubber Products	Off-color PE wax providing ozone resistance and improved processing.
Antitack Batch Off Additives	AKLEEF 4555	All Rubber Products	Zinc-free antitack agent ensuring clean batch-off release and processing.
	AKLEEF 6575	All Rubber Products	High-performance antitack agent delivering dispersion, release, and cleanliness benefits.
	AKLEEF L 3337	All Rubber Products	Liquid anti-tack agent ensuring non-sticky sheets and smooth handling.
Barrier & Reinforcing Nano Clay	Delam Clay 802 C	Tyre Inner Liner	Nano delaminated spray dried kaolin delivering superior air, gas, liquid barrier.
	Delam Clay 802 P	Non Tyre Application	Nano delaminated powdered kaolin providing reinforcement, abrasion resistance, wet traction.
High Aspect Ratio Talc	AR Talc	All Rubber Products	High-aspect-ratio platy talc improving processability and dimensional stability.
	Talc HFM 15	All Rubber Products	Premium platy talc delivering viscosity reduction and barrier performance.
	Talc HFM 25	All Rubber Products	Reinforcing platy talc providing permeability control and mechanical strength.
	HFM 25 SD	All Rubber Products	Spray-dried compacted platy talc ensuring dust-free handling, superior dispersion & mechanical strength .

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR RUBBER

Product	Grade Name	Major Application	Brief Description
Semi Reinforcing Filler	Vapourlink	All Rubber Products	Nano silicate filler enhancing reinforcement, processability, and curing speed.
	Vapourlink T	All Rubber Products	Surface-modified nano silicate delivering reinforcement and abrasion resistance.
	SR Filler	All Rubber Products	Amorphous silica providing reinforcement, extrusion improvement, and silica replacement.
	SR Filler T	All Rubber Products	Surface Treated amorphous silica delivering dispersion and dynamic performance.
Rubber Activators	Zinkomer	All Rubber Products	Eco-friendly zinc oxide activator improving scorch safety and processability.
	Zinkomer SX	All Rubber Products	Efficient zinc oxide activator replacing active zinc oxide effectively.
	Zinkomer L	Latex Rubber Products	Tailor-made zinc oxide activator optimized for latex rubber applications.
	Supermag HS	FKM, Chloroprene and any Rubber	High-surface-area magnesium oxide providing scorch safety and stability.
	Supermag 150	Chloroprene Rubber Products	Active magnesium oxide activator delivering cure activation and aging resistance.
	Supermag 150 UC	Chloroprene Rubber Products	Light magnesium oxide ensuring dispersibility and scorch safety performance.
Non Halogenated Flame Retardant	AL FR 3T	Cable, Vee Belt, Conveyor Belt	Surface-modified ATH delivering flame retardancy, smoke suppression, reinforcement.
	AL FR 3	Cable, Vee Belt, Conveyor Belt	Fine-particle ATH enhancing flame resistance and mechanical properties.
	AL FR 5	Cable, Vee Belt, Conveyor Belt	Medium-particle ATH providing balanced flame retardancy and processability.
	AL FR 7	Cable, Vee Belt, Conveyor Belt	Engineered ATH suitable for insulation and controlled filler loading.
	AL FR 9	Cable, Vee Belt, Conveyor Belt	Coarse-particle ATH delivering smoke suppression, insulation, flame resistance.
	MAG FR	Cable, Vee Belt, Conveyor Belt	Surface-treated magnesium hydroxide providing thermal stability and durability.
CaO Desiccant	Vaporoxol 3F	EPDM Profiles	Surface-treated calcium oxide desiccant eliminating moisture-related processing defects.
	Calox PR	EPDM Profiles	High-performance calcium oxide desiccant ensuring moisture absorption and blister prevention.
	Trocen UF	EPDM Profiles	High-purity calcium oxide desiccant delivering moisture control and quality.
Micronised Quartz Silica for Silicon Rubber	Synsil 6	Silicon Rubber	Ultrafine crystalline quartz silica enhancing reinforcement, rheology, thermal properties.
	Vaporsil	Silicon Rubber	Ultrafine quartz silica improving abrasion resistance and mechanical performance.
Calcium Carbonate	Imported : Coated & UnCoated	All Rubber Products	High-purity ultrafine calcium carbonate with controlled particle size.
	Domestic : Coated & UnCoated	All Rubber Products	Domestic calcium carbonate available in multiple controlled particle sizes.

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR RUBBER

Product	Grade Name	Major Application	Brief Description
Hydrous Kaolin	Water Washed Kaolin	Hose , Footwear	Water-washed reinforcing kaolin improving curing consistency & abrasion resistance.
	Air Floated Kaolin	All Rubber Products	Air-floated kaolin delivering balanced reinforcement, processability, and economy.
Calcined Kaolin	Hyper 200 R / Hyper MP 33 / Metaplast 85	All Rubber Products	High-performance calcined kaolin providing insulation and dimensional stability.
	Hyperfine /Glazex 90 / Hyper 80	All Rubber Products	Ultra-fine calcined kaolin delivering tensile strength and abrasion resistance.
	Hyperlink 66 / Hyperfil H	All Rubber Products	Semi-reinforcing calcined kaolin ensuring compression-set performance and durability.
	Hypertex R / C	All Rubber Products	Economical calcined kaolin suitable for higher filler loading applications.
Talc	Himalyan Talc from Haldwani Plant	All Rubber Products	Premium talc delivering superior surface finish and reinforcement performance.
	Udaipur & Ananthpur Talc	All Rubber Products	Micronised talc providing brightness, processability, and dimensional stability.
Barytes	Micron Barytes 2mic/ 5030 / 1240 / 2080	All Rubber Products	High-purity micronised barytes ensuring chemical and weather resistance.
Silica	Micron Mica 1240 PY/ 4010 PY / 1240 / 1030/ 2080 / 4010	Silicon Rubber	Fine-particle micronised mica improving reinforcement and dimensional stability.
	Silica 5030 / 1240 / 2080 / 4010	Silicon Rubber	Standard microfine silica delivering reinforcement, processability, and stability.

© 2026 20 Microns Limited. All Rights Reserved

PLASTICS & POLYMERS

© 2026 20 Microns Limited. All Rights Reserved

TECHNICAL APPLICATIONS

- PVC Pipes
- PVC Wire & Cable
- Masterbatch & Compound
- Films & Sheets
- Raffia & Woven Tapes
- Floorings & Calendared Sheets
- Fiber & Nonwovens
- Window Profiles & WPC
- SMC/DMC & Thermosets
- Molded Products
- PU Foams
- Enginnering Plastics
- Molded Auto Component
- House Hold Plastic Products
- Particle Size Distrubution
- Anti Blocking Force
- Filter Pressure Value
- Opacity & L,a,b Value
- Resitivity (IR&VR)
- Melt Flow Index
- Rheological Properties

© 2026 20 Microns Limited. All Rights Reserved

Two Roll Mixing Mill

Hydraulic Press Machine

IR & VR Testing Machine

Filter Pressure Value Test Machine

Blow Film Plant Lab Scale Machine

MFI Tester

High Speed Mixer-1

High Speed Mixer-2

Hot Air Ageing Oven

Thermal Stability Testing Machine

Laboratory Hot Water Bath

Single Screw Extruder Machine

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR PLASTICS & POLYMERS

Product	Grade Name	Major Application	Brief Description
Antiblock Additives	AMORPHLOS	PE Film	Flux Calcined Diatomaceous earth antiblock additive delivering low haze and excellent clarity.
	TALC HFM 25 SD	PE Film	Ultrafine talc antiblock and nucleating agent improving film strength.
	ORBELLIX 50	PE Film	Aluminosilicate antiblock additive with excellent dispersion and film clarity.
	FMSIL BLOK	PE Film	Fumed silica antiblock additive improving transparency, gloss, and lubricity.
	PHELMER C	PE Film	Nepheline syenite antiblock additive providing clarity and antiblocking efficiency.
Opacity Pigments	LITHOMER TOX	White Masterbatch	White opacity pigment enabling partial TiO_2 replacement in masterbatches.
	LITHOMER PLAST R	White Masterbatch	Encapsulated opacity pigment offering whiteness, opacity, and superior dispersion.
	LITHOMER EX	White Masterbatch	Submicron white pigment providing superior optics and processing efficiency.
	LC Pigment 80 T	White Masterbatch	Calcium carbonate opacity pigment enhancing opacity through spaced TiO_2.
Synthetic Barium Sulphate (Blanc Fixe)	Basofix-P	Color Masterbatch	Low FPV Ultrafine barium sulphate delivering gloss, dispersion, and color brilliance.
	PPT. Barium Sulphate	Acuostic PVC Pipes	Blancfixe grade providing stability, sound dampening, and pigment dispersion.
IR Additives	PHELMAR G	Fim for Green Houses	IR reflective nepheline syenite additive improving heat retention performance.
	HYPERTHERM UT	Fim for Green Houses	Aluminosilicate IR reflector enhancing insulation, IR blocking, durability.
CaO Desiccant	VAPOROXOL-3F	Desiccant Masterbatch	Coated calcium oxide desiccant with moisture absorption and acid-scavenging.
	CALOX PR 3	Desiccant Masterbatch	Long-shelf-life calcium oxide desiccant for economical moisture control.
	TROCEN UF	Desiccant Masterbatch	Surface-treated calcium oxide desiccant with superior moisture absorption.
Flame Retardant & Smoke Suppressants (ATH & MDH)	AL FR 3T	PVC Cable Compound	Surface-treated ATH providing flame retardancy, dispersion, and smoke suppression.
	AL FR 3	PVC Cable Compound	Fine ATH grade offering flame retardancy, reinforcement, and processability.
	AL FR 5	PVC Cable Compound	Medium ATH grade balancing flame resistance and mechanical performance.
	AL FR 7	SMC / BMC Compound	Coarse ATH grade delivering thermal stability and economical fire protection.
	AL FR 9	SMC / BMC Compound	High-particle ATH grade ensuring flame retardancy and low smoke.
	MAG FR	PVC Cable Compound	Magnesium hydroxide flame retardant providing thermal stability, smoke suppression.

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR PLASTICS & POLYMERS

Product	Grade Name	Major Application	Brief Description
Wax Additives	FLOWAID	PVC Pipes	Polymeric wax processing aid improving dispersion, flow, and strength in rigid PVC
	K STOFF GC 10	PVC Cable Compound	One-pack PVC processing aid enhancing finish and electrical performance for PVC Cable
	FLOWAX	All Plastics Application	Low molecular weight PE wax improving lubrication and gloss.
	FLOWAX FL	All Plastics Application	Flake PE wax ensuring thermal stability and smooth extrusion.
	K STOFF – T	Filler Masterbatch	Multifunctional processing aid delivering superior dispersion in filled compounds.
	K STOFF – PYN	Filler Masterbatch	Fatty acid blend reducing fibrillation and water carryover.
	K STOFF – ZS	Filler Masterbatch	Zinc stearate lubricant, dispersant, and release agent for plastics.
	K STOFF – CP	Black Masterbatch	Polymeric wax enhancing gloss, jetness, lubrication, carbon black dispersion.
	FLOWAX – MB	Black Masterbatch	PE wax dispersant improving melt flow and pigment wetting.
	K STOFF – 1C	Color Masterbatch	LDPE dispersing aid improving color strength and stability.
	K STOFF – Li	Color Masterbatch	Non-polar copolymer wax enhancing dispersion, gloss, and melt flow.
	K STOFF – Lu	Color Masterbatch	LDPE wax improving lubrication, smoothness, and scratch resistance.
	FAST FLOW – P	Color Masterbatch	Economical PE wax dispersant providing gloss and faster processing.
Slip Additives	K STOFF – C	Antislip Masterbatch	Premium EBS aid enhancing lubrication, dispersion, and antiblocking.
	K STOFF – S	Antislip Masterbatch	Vegetable stearamide additive providing slip, antiblocking, and mold release.
	K STOFF – O	Antislip Masterbatch	Oleamide slip additive delivering low COF and antiblocking.
	K STOFF – E	Antislip Masterbatch	Erucamide additive providing durable slip and barrier properties.
	K STOFF – OS	Antislip Masterbatch	Economical fatty amide slip additive for PE films.
	K STOFF – ES	Antislip Masterbatch	Fatty amide blend enhancing slip, release, lubrication, barrier performance.
Barytes (Barium Sulphate)	Micron Barytes 2µ PL	PP Compound	Fine barytes grade providing dispersion, gloss, and surface finish.
	Micron Barytes 5030 PL	PP Compound	Medium-fine barytes balancing opacity, stiffness, and processability.
	Micron Barytes 1240 PL	PP Compound	Functional barytes filler enhancing density, acoustics, and strength.
	Micron Barytes 2080 PL	PP Compound	Coarse barytes grade enabling higher loading and rigidity.

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR PLASTICS & POLYMERS

Product	Grade Name	Major Application	Brief Description
Calcium Carbonate	CCC HT 2T	PVC Pipes	Surface-modified coated GCC improving dispersion, fusion, stiffness, strength.
	CCC KTM 2TP	PVC Pipes , Filler Masterbatch	Ultrafine coated GCC providing stiffness and anti-fibrillation properties.
	CCC OT-10M	PVC Pipes , Filler Masterbatch	Ultrafine coated GCC enhancing insulation, gloss, and mechanical performance.
	CCC OT-10M+	PVC Pipes , Filler Masterbatch	Premium coated GCC with superior dispersion and electrical properties.
	CCC OT 1T	PVC Pipes , Filler Masterbatch	Fine coated calcium carbonate for cables and extrusion compounds.
	Vaporlite 90 CTD	PVC Profiles	Hydrophobic coated calcium carbonate delivering dispersion and reinforcement.
	Micron Carb 1T AS	PVC Compound	Coated GCC providing reinforcement for high-loading PVC applications.
	Micron Carb 9711-1T	PVC Compound	Ultrafine coated GCC enhancing insulation, stiffness, extrusion efficiency.
	Micron Carb 9733-2T	PVC Compound	Coated GCC delivering reinforcement, dispersion, and gloss improvement.
	Micron Carb 9766	PVC Compound	Ultrafine coated calcium carbonate for insulation and rigid PVC.
	Micron Carb 9766 S	PVC Compound	Specialized coated GCC improving electrical and physical performance.
	Micron Carb OTM-1T	PVC Compound	Ultrafine coated GCC enhancing insulation, gloss, fusion, stiffness.
	CCC 2TP	PVC Compound	Coated calcium carbonate providing gloss, reinforcement, economical processing.
	Micron Carb 2T AS	PVC Compound	Coated calcium carbonate improving fusion, gloss, mechanical strength.
	Micron Carb 1030 CTD	PVC Compound	Micronized calcium carbonate enhancing gelation, reinforcement, and gloss.
	CALCIFILL	PVC Pipe	Ultrafine uncoated calcium carbonate enabling loading and strength.
	LSP ICD CARB	PVC Pipe	High-purity calcium carbonate offering dispersion, gloss, reinforcement.
	LSP ECO	SMC / BMC Compound	Economical ultrafine GCC balancing reinforcement, processability, surface finish.
	LSP POLYFIL F	PVC Pipe	Ultrafine limestone powder improving extrusion, gloss, and stiffness.
	LSP POLYFIL	PVC Pipe	Vietnam GCC delivering reinforcement, fusion, and excellent surface finish.
	LSP 10M	PVC Compound	High-brightness limestone powder enhancing extrusion performance and strength.
	LSP Z	PVC Compound	Ultrafine uncoated GCC providing loading, stiffness, gloss, impact.
	Calcium Carbonate Z	PVC Compound	High-purity ultrafine GCC improving dispersion and reinforcement.
	Vaporlite 90	PVC Compound	Submicron calcium carbonate enabling ultra-high loading and insulation.
	Micron Carb 1240	PU Foam	Controlled-size GCC improving fusion, reinforcement, and loading efficiency.
	Micron Carb 2030	PU Foam	Coarse micronized GCC providing economical loading and reinforcement.
	Micron Carb 300# EO	PU Foam	Micronized GCC for plastics, adhesives, foams, and rubbers.

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR PLASTICS & POLYMERS

Product	Grade Name	Major Application	Brief Description
Talc	GNR TALC	PP Compound	Premium Himalayan talc delivering exceptional whiteness and purity.
	EBT PLUS TALC	Filler Masterbatch	Extra-bright Himalayan talc ensuring transparency and low haze.
	Super Max	Filler Masterbatch	Superfine Himalayan talc for masterbatches and engineering plastics.
	Super Talc P	Filler Masterbatch	Fine Himalayan talc balancing stiffness, gloss, dimensional stability.
	Ultra Talc	Filler Masterbatch	Ultra-bright superfine Himalayan talc providing transparency and surface finish.
	MICRON TALC 4010	PP Compound	High-brightness talc delivering dispersion, reinforcement, and antiblocking.
	MICRON TALC 2050	PP Compound	Fine talc improving processability, dimensional stability, and reinforcement.
	MICRON TALC 5030	PP Compound	Ultrafine talc offering gloss, transparency, and high loading.
Calcined Kaolin (Clay)	Hyper MP 33	PVC Cable Compound	Calcined kaolin offering insulation, resistivity, and reinforcement.
	Metaplast 85	PVC Cable Compound	Economical metakaolin delivering insulation resistance and extrusion stability.
Mica	Micron Mica 1240 PY	Nylon Compound	Fine mica offering thermal stability and pearlescent appearance.
	Micron Mica 4010 PY	Nylon Compound	High-aspect-ratio mica improving stiffness, dielectric properties, heat resistance.
	Micron Mica 1030	Nylon Compound	White mica enhancing strength and dimensional stability.
	Micron Mica 1240	Nylon Compound	Micronized white mica providing reinforcement and surface smoothness.
	Micron Mica 2080	Nylon Compound	Medium mica grade improving stiffness and shrinkage control.
	Micron Mica 4010	Nylon Compound	High-aspect-ratio mica delivering reinforcement, insulation, barrier properties.
Feldspar	Phelmer C	PE Film	Fine nepheline syenite antiblock providing clarity and low haze.
	Phelmer G	PE Film	Infrared reflective antiblock filler improving heat retention performance.
	Silfermine FLS 5	Engg Plastics	Sodium potassium aluminosilicate filler providing stability and reinforcement.
	Silfermine FLS 7	Engg Plastics	Feldspar functional filler improving strength, abrasion resistance, processability.
Silica (Treated & Untreated)	MICRON SILICA 4010	Epoxy Insulator	Micronized quartz silica enhancing hardness, insulation, strength, stability.
	MICRON SILICA 3010	Epoxy Insulator	High-brightness silica providing reinforcement, flow, and antiblocking.
	SILCOAT 60 SET	Epoxy Insulator	Specially Surface-treated silica improving strength, weather resistance, processability.
	SILCOAT 60 T	Epoxy Insulator	Surface-treated quartz filler enhancing durability and chemical resistance.

© 2026 20 Microns Limited. All Rights Reserved

CERAMICS

© 2026 20 Microns Limited. All Rights Reserved

TECHNICAL APPLICATION

- Ceramic Tiles & Glaze
- Sanitaryware
- Tableware
- Insulators
- Button Press
- Kiln & Furnace
- MOR Testing Machine
- Spectro Photometer
- Rapid Pot Mill
- Firing (L.A.B)
- Water of Plasticity
- Loss On Ignition
- Shrinkage
- Modulus of Rupture
- Physical & Chemicals Analysis

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR CERAMICS

Vitrobright Cake, Micron China GL 90, GL White Powder, Micron china DKT 90, KAOLIN MM1, KAOLUXE

CATEGORY	GRADE NAME	DESCRIPTION
Hydrous Kaolin	Vitro Bright Cake	Premium Kaolin-Low iron and titanium content with firing L value 96+
	Micron China GL 90	Processed China Clay-Controlled chemistry and residue with firing L value 94+
	Micron China GL White Powder	Levigated China Clay-Controlled residue with firing L value 92+
	Micron China DKT 90	High casting kaolin, specifically engineered for sanitaryware bodies to deliver superior slip casting performance and consistent product quality.
	Kaolin MM1	White Processed kaolin for Ceramic body and glaze with firing L Value 95+
	Kaoluxe	Premium white kaolin, low impurity with firing L value 97.
Calcined Kaolin	Glazex 90	Premium Calcined Kaolin-Extra finnes and Lower loss on ignition with, Alumina content 43+ and firng L value 97+
	Hyper 80	Premium Calcined Kaolin-Lower loss on ignition with Alumina content 42+ and firing L value 96+
	Hyper Tex C	Calcined Clay-Lower loss on ignition with Alumina content 40+ and firing L value 93+
Engineered Kaolin	Kaolin GL Prime	Engineered kaolin for ceramic porcelain tableware is specially processed to deliver\ consistent quality for both body and glaze applications.
	Puraflow 90	Modified kaolin specially designed for whiteware ceramics.
	ICC White Kaolin	Premium white kaolin, contribute High Alumina for white tile body
	KAOLIN GL 83	Engineered kaolin with optimized particle size and high purity help to achieve a smooth, flat surface.
Feldspar	Potash Feldspar	High alkali base potash feldspar with white firing L value 80+
	Soda Feldspar	High alkali base soda feldspar with white firing L value 78+

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR CERAMICS

CATEGORY	GRADE NAME	DESCRIPTION
Ball Clay Plastic Clay	Cerillite	Unique Blend of BallClay-Appropriate plasticity with white firing L value 91+
	White ICC Plus	Plastics Kaolin-Higher dry strength with White firing L value 94+
	Ceraplas	Processed Ball Clay-Higher plasticity and dry strength
	Ceraplas SW 1023	High MOR ball clay made for SW body to give high fired strength
	Ceraplas SW 04	Engineered ball Clay with high MOR mainly design for SW body to give high fired strength
	Ceraplas 90	Refined ball clay with high-whiteness, fine-particle that enhances plasticity and workability in tableware production.
	Ceraplas F32	High Plastic ball Clay that improves workability, adhesion, and coating uniformity in tile engobes and glazes
	Ceraplas EP1033	High MOR ball clay made for Insulator body to give high fired strength
Dolomite	Micron Carb DL	Dolomite powder-Lower impurities with creamish firing color
Quartz	MicronSil	High purity silica powder with firing L value 96+
	Micron Quartz 300#	Fine white quartz powder for Ceramic glaze
Bentonite	Microngel 90 C	Premium Bentonite Powder-Greater plasticity with firing L value 90+
	Microngel 90 CR	Premium Bentonite Powder-Greater plasticity for ceramic glazes
Wollastonite	Wolsil	Specially Produced Calcium Silicate-High Purity and white firing
Opacifiers	Nanotox TiO_2	Premium Titanium Dioxide-High surface area and white firing color
	Lithomer	Opacifier-White firng color

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE ENGG. PRODUCTS FOR CERAMICS

CATEGORY	GRADE NAME	DESCRIPTION
Mullite	Hypertherm	Calcined kaolin having particle packing concept provides resistance thermal shock failure
Pyrophyllite	Micron China PYJ	Pyrophyllite powder with controlled chemistry and white firing color, Firing L Value 94+
Calcium Carbonate	Micron Carb	Calcium Carbonate-High purity and White firing color
	Limestone Polyfil	Premium calcium carbonate - Extra finnes and purity with white firingL value 94+
Talc	Super Talc	Premium Talcum Powder-Finer and high purity with white firing color
	Micron Talc 45 CR	Talc Powder-Lower impurities with creamish firing color
Mica	Micron Mica FLK	Micro flakes of Mica-High Purity with good shining suitable for decorative glazes

© 2026 20 Microns Limited. All Rights Reserved

PAPER

© 2026 20 Microns Limited. All Rights Reserved

TECHNICAL CENTER

- Grammage Scale
- Pulp Disintegrator
- Valley Beater
- Cobb Sizing Tester
- Bursting Strength Tester
- Beating & Freeness Tester
- Hand Sheet Former
- Tearing Resistance Tester
- Stiffness Tester
- Grammage Basis Weight
- Bending Stiffness
- Bursting Strength
- Print Smoothnes
- Gloss, Opacity Sizing
- Thickness Micrometer
- Tear Resistance
- Rub Resistance
- Abrasion Resistance

© 2026 20 Microns Limited. All Rights Reserved

COATING PIGMENTS & ENGG. PRODUCTS FOR PAPER

CATEGORY	GRADE NAME	DESCRIPTION
High Performance Kaolin	Pearluster Plus | Pearl Fine90	Low Abrasive Hydrous Kaolin for Top Coat
High Performance Kaolin	Super Gloss 90 PN | White Gloss, Coating Clay90 | Micron China GL 90	Low Abrasive Hydrous Kaolin for PreCoat & Filler
Wet Ground Calcium Carbonate (Slurry)	Micronlite SL 90T | 60T | 45T	WGCC Low Abrasive Imported Calcium Carbonate as Coating Pigment & Filler
Ground Calcium Carbonate (Powder)	Vaporiite 90T (TopCoat) Lime Stone Powder Z (PreCoat)	Sub-Micron Low Abrasive Imported Calcium Carbonate for Duplex Board Coating
Ground Calcium Carbonate (Powder)	Lime Stone Powder Polyfill Calcium Carbonate Calcifill	High Purity & Low Abrasive Imported Calcium Carbonateas Filler for W & P
Ground Calcium Carbonate (Powder)	Micron Carb 4010 P | 2050P, Micron Carb 1240 MK | Super Carb P	Domestic Calcium Carbonate as Filler for Paper Industry
High Performance Talc Fil	Talc Fil | MicronTalc	Low Abrasive High Purity Himalayan Talc
Engineered Calcined Kaolin	HyperFine | Glazex90	Low Abrasive Calcined Kaolin for Hiding Power
Synthetic Sodium Magnesium Aluminum Silicate	Synsil SM405	Hiding & Whiteness Enhancer for Duplex Board & W&P
White Opacity Pigment	LC Pigment | Lithomer	White Pigment Opacifiers-Partial Replacement of TiO_2
Delaminated Talc	AR Talc	Delaminated Talc for Barrier Properties
Inorganic Thickners	Hydroxylgel A1	Inorganic Rheological Modifier to Replace HEC/MHEC
Eco-friendly Retention Aid	Aquacol	Treated Bentonite Retention & Drainage Aids

© 2026 20 Microns Limited. All Rights Reserved

COSMETICS

© 2026 20 Microns Limited. All Rights Reserved

PRODUCTS FOR COSMETICS

Product	Grade Name	Major Application	Brief Description
Calcium Carbonate	$CaCO_3$ C & P	Toothpaste, Toothpowder	High-purity toothpaste calcium carbonate ensuring gentle cleaning, opacity, purity performance.
	ICD Carb	Toothpaste, Toothpowder	Premium oral-care calcium carbonate delivering whiteness, purity, controlled cleaning.
	Polyfil F	Toothpaste, Toothpowder	Microcrystalline toothpaste calcium carbonate providing texture, viscosity control, enamel-safe cleaning.
Talc	Micron Talc 1030 HUL	Powder, Cream, Lotions	Premium cosmetic talc offering brightness, silky feel, softness, optical performance.
	Micron Talc C 90	Powder, Cream, Lotions	High-purity Himalayan talc ensuring smooth texture, absorbency, opacity control performance.
	Supertalc	Powder, Cream, Lotions	Fine cosmetic talc providing softness, skin feel, premium sensory benefits.
	Ultratalc	Powder, Cream, Lotions	Ultra-fine cosmetic talc delivering smoothness, brightness, superior application performance.
Kaolin (China Clay)	White Kaolin	Powder, Cream, Shampoo	Ultra-fine cosmetic kaolin providing oil absorption, purification, gentle exfoliation.
	Color Clay	Cream, Lipstick, Face mask	Natural cosmetic clay offering detoxifying, mattifying, soothing, oil-control skincare benefits.
Bentonite	White Bentonite C	Cream, Lotion, Facial	Premium bentonite clay providing rheology control, stability, silky texture.
	Brown Bentonite C	Cream, Lotion, Facial	High-absorbency bentonite delivering detoxifying, oil-control, thickening cosmetic performance benefits.
Calcined Kaolin (Clay)	Glazex 90	Face Mask, Powder, Cream	Ultra-fine calcined kaolin providing opacity, creaminess, sebum absorption benefits.
	Hyper Fine	Face Mask, Powder, Cream	Submicron calcined kaolin delivering opacity, TiO_2 extension, smooth texture.
Mica	MICA 1240 PY	Cream, Eye Shadow, Lipstick	Micronised mica delivering soft-focus effect, smooth texture, pearlescent elegance.
	MICA 2050	Cream, Eye Shadow, Lipstick	High-brightness mica providing luminosity, spreadability, luxurious sensory enhancement benefits.
	MICA 250#	Cream, Eye Shadow, Lipstick	Functional cosmetic mica enhancing coverage, texture, shimmer, application performance.
Diatomaceous Earth	DIATOFILL 570	Cream, Face Mask, Body Scrub	Cosmetic-grade diatomaceous earth providing oil absorption, exfoliation, mattifying benefits

© 2026 20 Microns Limited. All Rights Reserved

PRODUCTS FOR COSMETICS

Product	Grade Name	Major Application	Brief Description
Rheology Modifier	ATP Gel 50	Foundation, Cream, Face Mask	Activated magnesium aluminum silicate offering thickening, texture, suspension stability.
	Hydroxygel 90	Foundation, Cream, Face Mask	Advanced rheology modifier delivering thixotropy, gel structure, silky feel.
	RIOBENT 27	Foundation, Cream, Face Mask	Organoclay rheological additive ensuring suspension stability, smooth flow behavior.
	RIOBENT 38	Foundation, Cream, Face Mask	Organoclay additive delivering viscosity stability, pigment suspension, silky feel.
Fumed Silica	FMSIL 200	Lipstick, Nail Polish, Cream, Room Freshner	Hydrophilic fumed silica providing thickening, anti-caking, suspension, fragrance carrying.
	FMSIL 412	Lipstick, Nail Polish, Cream, Room Freshner	Specialty fumed silica delivering mattifying efficiency, stability, texture enhancement.
	FMSIL R 972T	Lipstick, Nail Polish, Cream, Room Freshner	Hydrophobic fumed silica providing moisture resistance, rheology control, clarity.
	FUSYL B2	Lipstick, Nail Polish, Cream, Room Freshner	Hydrophilic fumed silica delivering anti-caking, oil absorption, matte finish.
	FUSYL T2	Lipstick, Nail Polish, Cream, Room Freshner	PDMS-treated hydrophobic silica ensuring texture, anti-settling, mattifying performance benefits.
	FUSYL T12	Lipstick, Nail Polish, Cream, Room Freshner	HMDS-treated hydrophobic silica delivering rheology control, stability, oil absorption.
	FUSYL T72	Lipstick, Nail Polish, Cream, Room Freshner	Organosilane-treated hydrophobic silica providing gel formation, oil control benefits.
	FUSYL T74	Lipstick, Nail Polish, Cream, Room Freshner	High-surface-area hydrophobic silica delivering mattifying, anti-caking, texture enhancement.
TiO_2	GLOWTOX D	Foundation, Cream, Face Mask	Buff-colored rutile TiO_2 providing skin-tone enhancement, matte coverage benefits.
	GLOWTOX DX	Foundation, Cream, Face Mask	Advanced buff-colored TiO_2 delivering coverage, oil absorption, cost optimization.
	NANOTOX R 209	Foundation, Cream, Face Mask	High-brightness rutile titanium dioxide providing opacity, UV protection, dispersion.

© 2026 20 Microns Limited. All Rights Reserved

CERTIFICATES

© 2026 20 Microns Limited. All Rights Reserved.

20 Microns Ltd - Warehouse ISO 9001
Valid up to 20.03.2029

EC1637.2023.1223 ISO 14001 & 45001
Certificate valid upto 03.12.2026

ISO 27001 : 2022 - EC 1638.2023.1223
Certificate valid upto 03.12.2026

ISO 9001 Certificate Valid Upto 29.06.28

ISO 9001 Vadadala and Office
Valid til 17.05.27

© 2026 20 Microns Limited. All Rights Reserved

ISO 9001
Valid till 13.10.28

ISO 14001 & 45001
Valid upto 16.03.27

ISO 14001 & ISO 45001
valid till 21.08.28

© 2026 20 Microns Limited. All Rights Reserved

IGHKC- GreEnv Contest 2022-23 Certificate

Our Ecovadis Score has been renewed for Year 2025 and 2026 and continues in the "GOLD" Category

© 2026 20 Microns Limited. All Rights Reserved

CLIENTELE

& MORE...

© 2026 20 Microns Limited. All Rights Reserved

AWARDS & RECOGNITION

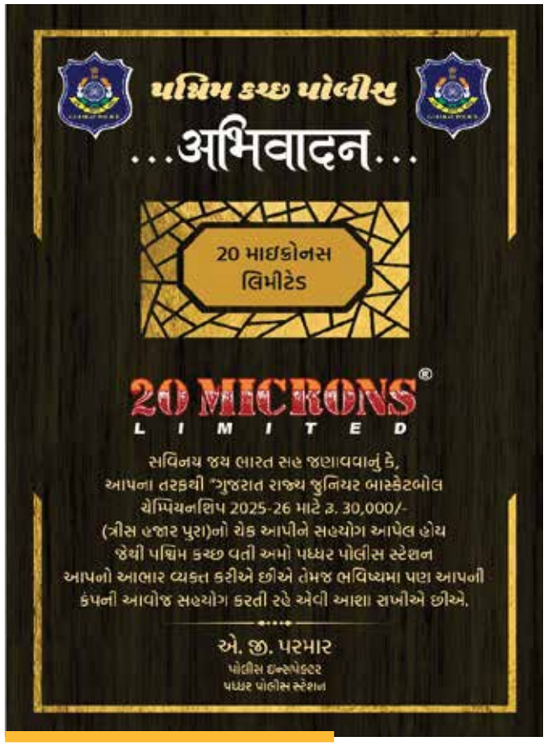
© 2026 20 Microns Limited. All Rights Reserved

RCC Road at Vadadala

On a request of Vadadala panchayat and villagers, as a part of Social initiative, 20Microns Limited Vadadala Plant has constructed RCC Road from Village to Cremation Centre (Smashan Ghat).

Construction of Sports Room at Mamuara Cricket Ground

To encourage the youth for sports activity, 20Microns Limited, Mamuara plant has Constructed the Sports Room at Mamuara Cricket Ground (April 2025).



Support to DIG Police – Paddhar Station

20Microns Limited, Mamuara Plant provided Financial support for a Sports Event organized by Paschim Kutch Police department.

Construction of Labour Colony for Workers

20Microns Limited has constructed and developed residential colony for workers to enhance their welfare and living conditions.

Mamuara Primary School repairs

Donation of Laptop, Printer & Scanner

To support the Mamuara Villagers, 20Microns Limited, Mamuara plant has provided Laptop, Printer and other IT related equipment to Gram Panchayat E-Gram Center.

Water Sprinkling on Village Roads

20Microns Limited is sprinkling water on daily basis over approximately 15 km of village roads to control dust and improve the surrounding environment.

© 2026 20 Microns Limited. All Rights Reserved

CSR ACTIVITIES

20 Microns Foundation Community Healthcare

Promoting Healthcare / Community Welfare

Lilavati Foundation Medical Support

20Microns Limited has supported for Promoting health care including preventive health care

© 2026 20 Microns Limited. All Rights Reserved

CSR ACTIVITIES

Ekal Rural/Community Empowerment

20Microns Limited has distributed education kit with bag to girl child of Primary School at Waghodia.

Waghodia Primary School support

Shram Mandir Food Amenities

20Microns Limited has provided supported for Eradicating hunger and poverty to weaker section of society those suffering from leprosy.

Physically Handicapped Support

20Microns Limited has provided food and supported Disability/ reducing inequalities

© 2026 20 Microns Limited. All Rights Reserved

SAFETY @WORK

We, at 20Microns Group of Companies, Celebrated **55th National Safety Week** Theme – Engage, Educate & Empower people to Enhance Safety.

© 2026 20 Microns Limited. All Rights Reserved

ENVIRONMENT DAY

© 2026 20 Microns Limited. All Rights Reserved

OCCUPATIONAL HEALTH

Advancing Rural Healthcare – Occupational Health Center Initiative

20 Microns has established fully equipped **Occupational Health Centres (OHCs)** at its plant premises in Mamuara, Bhuj (Gujarat) and Alwar (Rajasthan) to provide accessible and quality healthcare services to over **3,000 villagers, workers, and residents of nearby labour colonies.** The initiative aims to enhance the well-being of local communities, labourers, and contractual workers through timely medical support and preventive healthcare services.

The OHCs are equipped with essential healthcare facilities, including a qualified nurse, regular visits by a **Factory Medical Officer, and a 24/7 ambulance service** at the Bhuj facility. These centres ensure prompt and reliable medical assistance not only for plant employees but also for residents of surrounding villages.

The Mamuara, **Bhuj OHC was established in 2018 and Alwar, Rajasthan OHC was completed in 2025** with total investment of approximately **₹8 lakh towards infra-structure and healthcare facilities. As part of the initiative. More than 2500 trees have been planted** to promote a healthier and greener environment, reinforcing the company's commitment to community welfare and environmental sustainability.

© 2026 20 Microns Limited. All Rights Reserved

INNOVATIVE SOLUTIONS

FOR ALL PROBLEMS OF WATERPROOFING & CONSTRUCTION

WATERPROOFING SOLUTIONS

STRONGER PROTECTION

BETTER DURABILITY

ADVANCED TECHNOLOGY

© 2026 20 Microns Limited. All Rights Reserved

© 2026 20 Microns Limited. All Rights Reserved

silcol™

Craft your aspiration

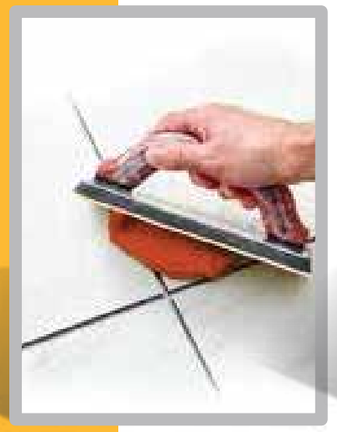
Silcol believes in your craftsman ship to design world- class artistic and highly durable products using Specialty colored quartz offered by Dorfner-20Microns Private Limited, a Joint Venture between Dorfner Holding GmbH & Co. KG, Germany and 20Microns Limited India.

Geosil ART Engineered Product of 20Microns Limited produced with polymer binder and light fast pigment:

- Tile Grouts
- Textured Coatings
- Commercial Flooring Systems
- Industrial Flooring Systems

Granucol Engineered Product of Dorfner Germany produces with a mixture that enables particularly attractive surface designs thanks to its depth effect and colour fastness and excellent mechanical benefits, which makes it suitable for all composite applications:

- Kitchen Sinks
- Composites
- Sports turf
- Composite 3d Tile
- Anti Static Flooring



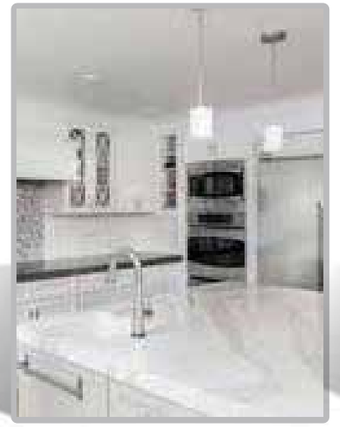
Tile Grouts

Textured Coatings

Commercial Flooring Systems

Industria lFlooring Systems

Kitchen Sinks



Composites

Sports turf

Composite 3d Tile

Dorfner-20 Microns Private Limited
info@silcol.com | Silcol.com | +91 9167232270

© 2026 20 Microns Limited. All Rights Reserved

hahne

Tile Adhesive

Water Proofing

Floorings

Wall & Masonry

Building Material & Construction Chemical Solutions

Explore the innovative world of "hahne" – the flagship brand of Sievert 20 Microns Building Materials Private Limited, a joint venture between Sievert Baustoffe GmbH & Co. KG, Germany's century-old construction company, and 20 Microns Ltd., India's leading mineral solutions provider. Engineered with advanced German technology, hahne delivers comprehensive construction chemical solutions known for exceptional performance and long-lasting durability. The product portfolio includes premium tile adhesives, waterproofing systems, industrial flooring, dry mix mortars, sealants, insulation materials, repair compounds, decorative finishes, and more.

Choose hahne – where technology meets trust, and construction meets excellence.

SIEVERT 20 MICRONS BUILDING MATERIALS PRIVATE LIMITED
Vadodara, Gujarat, India

info@hahne.in | www.hahne.in

© 2026 20 Microns Limited. All Rights Reserved

Head Office

347, GIDC Industrial Estate, Waghodia - 391760
Dist Vadodara, Gujarat, India

Corporate Office

134 - 135, Hindustan Kohinoor Industrial CPLX
Vikhroli (W), Mumbai - 400083

Research & Technical Center

Plot No.11, GIDC Estate, Waghodia-391760
Dist.Vadodara, Gujarat, India

E : enquiry@20microns.com

Disclaimer: All contents including text, graphics, photographs, charts, trademarks and designs are the intellectual property of 20 Microns Limited.

© 2026 20 Microns Limited. All Rights Reserved