

HAPPY TOGETHER. HAPPY FUTURE. SUNIL



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Happy Together, Happy Future



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SUNIL

STEP TOWARD TOMORROW

BEST PARTNER & HUMANE COMPANY BUILDING ENRICHED FUTURE

Sunil is moving toward the better future, after having striven for customers' prosperity and nation's advancement. With high-function, high-performance, and high quality products and services, Sunil is always there for you. This is Sunil's humanism.



MESSAGE FROM THE C.E.O

WITH OUR TECHNOLOGY THAT HAS BEEN DEVELOPED FOR OVER 30 YEARS, WE STRIVE TO BECOME A TOP-LEVEL SPECIALIZED COMPANY.

Founded in 1983, Sunil has grown as a company that provides high quality products and services based on our excellent workforce and technology.

For our main product, ready-mixed concrete, we opened a research institute for the first time as a medium-sized company in the field, developing high-performance and hybrid concretes and environmentally-friendly construction materials, and announced our green management vision and policy in an effort to create an environment where humans and nature can coexist by realizing Green Growth Eco-Factory. Especially, top quality and fast supply, caring service for customers, effort for clean environment, and attentiveness to customers' needs, form the basis of our management policy. Based on this our management policy, we are solidifying the market strength in ready-mixed concrete market of metropolitan area through striving for reinforcing original compeririveness.

Also, Sunil Tongsan runs the Anseong Rest Area (in Busan direction) located at 365km from the Busan point on Gyeonbu Expressway, which, with high-quality food and service, is visited by over 15,000 people per day on average, and Sunil Chemical earned trust from partner firms who manufacture various types of food and beverage, by supplying high-quality plastic containers.

In addition, based in the clean region of Gangjin, Jeollanamdo, Namdo-nongsan is the leading organic fertilizer manufacturer in Jeollanamdo and strives to foster the environmentally-friendly bio industry and local agricultural and fisheries product industry by expanding the business to the food industry. Sunil Bio collaborates with various bio companies and organizations to research and develop outstanding bio materials such as β -glucan.

Furthermore, our company makes constant effort to secure new sources of growth through getting new business as founding rest area in China and financial business

Sunil will continue its efforts to become the top company with innovative thinking and fearless challenge, based on harmony between people and technology and new management culture.

To be trusted by customers and move customers' mind, we will do our utmost with the best technology and quality.

Thank you.

SUNIL CEO CHUNG WOO SUB

HISTORY OF SUNIL

SO FAR, SUNIL HAS BEEN STRIVING FOR 100% CUSTOMER SATISFACTION WITH CONSTANT INNOVATION AND R&D.

- READY-MIXED CONCRETE** 1983.01 Founded Sunil Remicon
- 1983.07 Built the Bucheon factory(B/P 120m²/hr)
- 1984.02 Bucheon Factory certified by KS
- 1st extension of Bucheon factory production facility
- 1984.10 Changed the corporate name to Sunil Industrial Co., Ltd.
- 1985.04 Built Anyang Factory and began ready-mixed concrete production
- 1985.06 Anyang Factory certified by KS

- READY-MIXED CONCRETE** 1990.04 Built Pyeongtaek Factory (Shinwon Remicon)
- 1990.11 Decorated by Industrial Advancement Administration
- 1991.03 Decorated by Minister of Commerce and Industry
- 1991.10 Pyeongtaek Factory certified by KS
- 1993.03 Decorated by National Tax Service
- 1993.05 Decorated by Presidential Brass-Tower Industry Prize
- 1994.03 Decorated by Brass-Tower Industry Medal
- 1996.01 Built Suwon Factory and began ready-mixed concrete production
- 1996.07 Suwon Factory certified by KS
- 1996.12 Winter concrete facility built in Bucheon, Anyang, Suwon Factory
- 1998.10 Bucheon, Anyang, Suwon Factory certified by KS

- READY-MIXED CONCRETE** 2003.08 Built high-performance mixing facility (2 mixers) in Bucheon Factory
- 2004.12 Completed Mercer Human Resource Consulting
- 2004.12 Built LG HITACHI ERP system
- 2005.05 Moved and extended Suwon Factory. High-performance mixing facility added
- 2007.01 Opened Sunil Technical R&D Center
- 2007.09 Built GPS
- 2008.01 Bucheon, Anyang, Suwon Factory certified for high-strength mark
- 2009.04 Decorated by Fair Trade Commission
- 2009.06 R&D Center won KATS Award by Ministry of Knowledge Economy

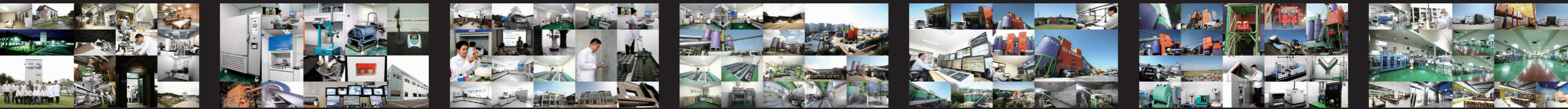
- READY-MIXED CONCRETE** 2010.04 R&D Center won Minister of Knowledge Economy Prize
- 2011.07 Anyang Factory won KATS Award by Ministry of Knowledge Economy
- 2012.04 Opened the Gimpo office
- 2012.12 Certified for carbon labeling for the first time as a ready-mixed concrete manufacturer
- 2013.01 Built MES (manufacturing execution system)
- 2013.10 Won KEITI award
- 2015.02 Ultra-high strength twister mixer installed in Anyang Factory
- 2015.12 Began corporate division
 - Sunil Industrial Anyang Factory → Sunil Remicon Co., Ltd
 - Sunil Industrial Suwon Factory → Sunil Enterprise Co., Ltd

1980

1990

2000

2010



- REST AREA** 1995.01 Founded Sunil Sangwoon
- 1996.07 Changed the corporate name to Sunil Tongsan
- 1998.02 Moved the head office from Seoul to Anseong

- REST AREA** 2002.01 Expanded the parking lot
- 2004.07 Extended the kitchen of the main building
- 2008.02 Built a new building and moved the information to a new location

- CHEMICAL** 2000.03 Founded Bio-one
- 2007.10 Acquired and merged with Youngbo/ Changed the name to BNC and moved the head office (Jincheon → Eumseong)
- 2009.03 Certified by ISO 22000

- FERTILIZER** 2006.12 Founded Namdo-nongsan
- 2007.04 Signed a 5bn KRW MOU with Jeollanamdo/ Gangjingu
- 2007.12 Designated as a NH affiliate
- 2008.02 Built a organic fertilizer pellet factory
- 2008.03 Began organic fertilizer production

- REST AREA** 2011.01 Extended the new building (clothing store)
- 2012.05 Founded Yanbian Sunil Trade limited Company
- 2013.02 Renovated the main hall stores and male restroom
- 2014.12 Renovated the new building stores
- 2015.04 Renovated the open stores

- CHEMICAL** 2013.12 Acquired by Sunil Industrial
- Changed the corporate name to Sunil Chemical Co., Ltd.

- FERTILIZER** 2010.07 Certified by ISO 9001, ISO 14001
- 2010.10 Certified by INNOBIZ
- 2011.03 Designated as a venture business
- 2011.06 Selected as a promising Jeollnamdo small and medium business
- 2013.06 Opened the company research center
- 2014.12 Certified as agriculture-industry-commerce convergence business

- BIO** 2013.09 Founded the agricultural corporation Sunil Bio Co.,Ltd
- 2014.08 Built an agricultural product processing factory
- 2015.03 Built Jangheung Factory
- 2015.04 Signed an investment agreement with Jeollanamdo, Jangheunggun (10bn KRW)
- 2015.07 Signed an MOU for health functional food with Korea Yakult Co., Ltd
- 2015.08 Selected as a local industry promotion project by MOTIE



THE FOUNDER OF SUNIL GROUP_설립자 소개



Founder
Chung Byeongyeol
1936 ~ 2005

The late president of the company, Chung Byeongyeol was born October 22, 1936 in Yanggu, Gangwondo, second son among four sons and one daughter to 25th generation of Bonghwa Chung, Bujeonggong clan. After Kyodong Elementary School, Cheongun Middle School, and Gyeonggi Commercial High School, he studied commerce at Yonsei University and finished Advanced Management Program at graduate school of business management, Seoul National University. Later, after working as an executive director at Sambu Construction, he founded Sunil in 1983 and made it a leading company in the construction materials industry.

Contribution to establishment of fair trade with ethical management

He believed in being honest to customers, engaging in fair trade with partners, competing fairly with rivals, and fulfilling one's duty and responsibility in society. And this his philosophy have grown SUNIL Group continuously since Sunil was founded. For his transparent management and dutiful tax payment, he was won a citation from the director of National Tax Service in 1993 and Industrial Contribution Decoration.

Contribution to development of Korean industries and corporate interests

He was an active participant in founding Korea Federation of Ready Mixed Concrete Industry Co-operatives (5.21.1987 / He served as the first chairperson), promoting development and standardization of the ready-mixed concrete industry while protecting small and medium businesses from economic disadvantages. Also, performing important roles such as director of Korea Federation of Small and Medium Business, director of Association of High Potential Enterprises of Korea, and committee of Korea Businesspeople Society, he devoted himself to developing businesses and protecting rights of businesspeople.

Customer-centered value creation and future-oriented technology development

For customer-centered value creation, he made constant investment in facility and R&D, establishing the company as a reliable one that provides high-function, high-performance, and high-quality products. In addition, with diversification, sophistication, and specialization of the products, he contributed to development of the construction material industry of Korea as well as foster future professionals by sharing technical information and training with partners.



Bust of Yujip Jeong
Byeongyeol



Memorial stone



Unveiling ceremony of
the memorial stone



VALUE

ENVIRONMENTALLY-
FRIENDLY COMPANY

SEEKING COEXISTENCE BETWEEN HUMANS AND NATURE

CUSTOMER
SATISFACTION

SATISFYING BOTH INTERNAL CUSTOMERS AND EXTERNAL ONES

QUALITY FIRST

FOCUSING ON HIGH-FUNCTION, HIGH-QUALITY, AND HIGH PERFORMANCE PRODUCTS AND SERVICES

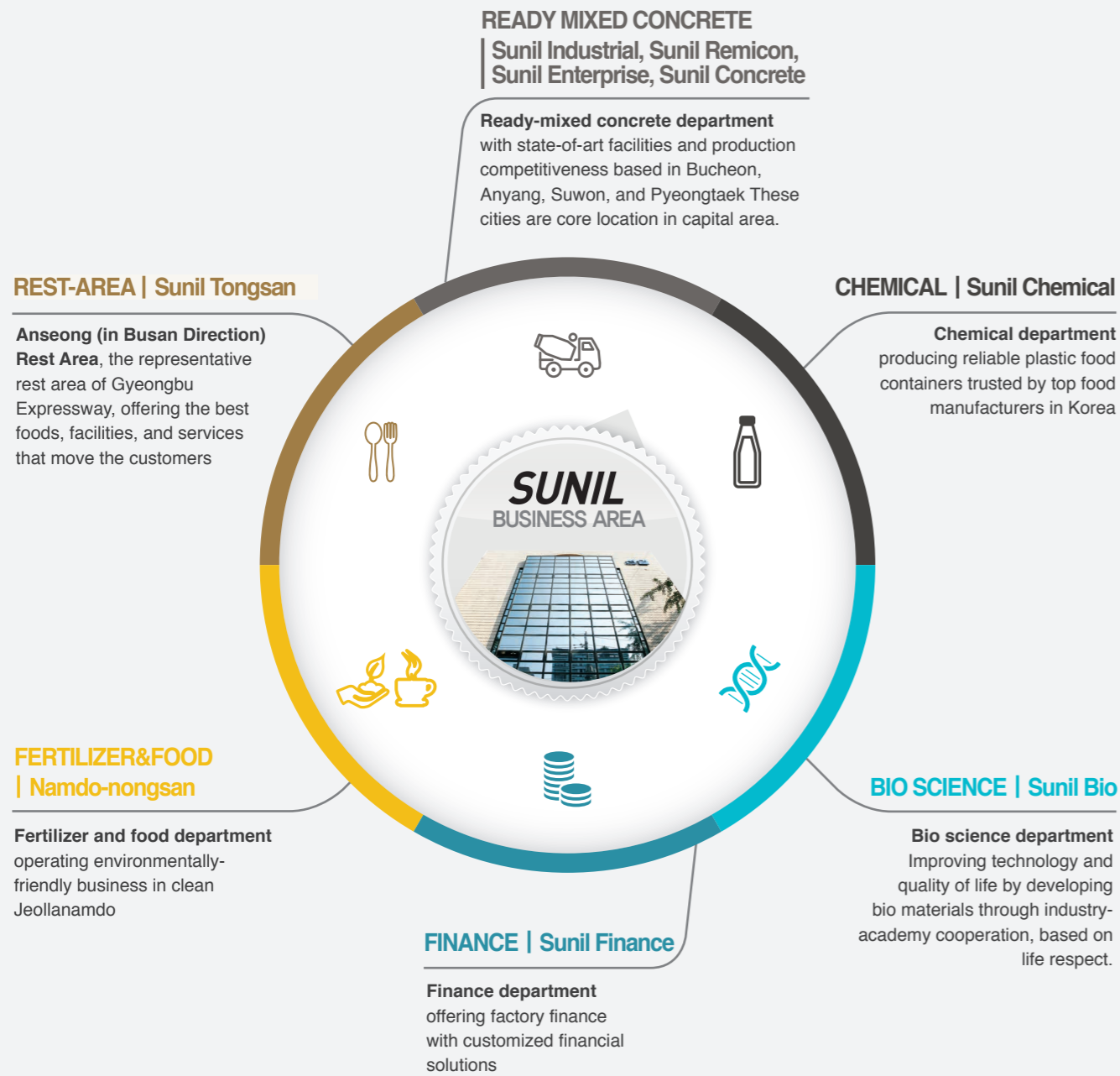
INFINITE GROWTH

CONSTANTLY DISCOVERING BUSINESS MODELS THAT IMPROVE CORPORATE VALUES

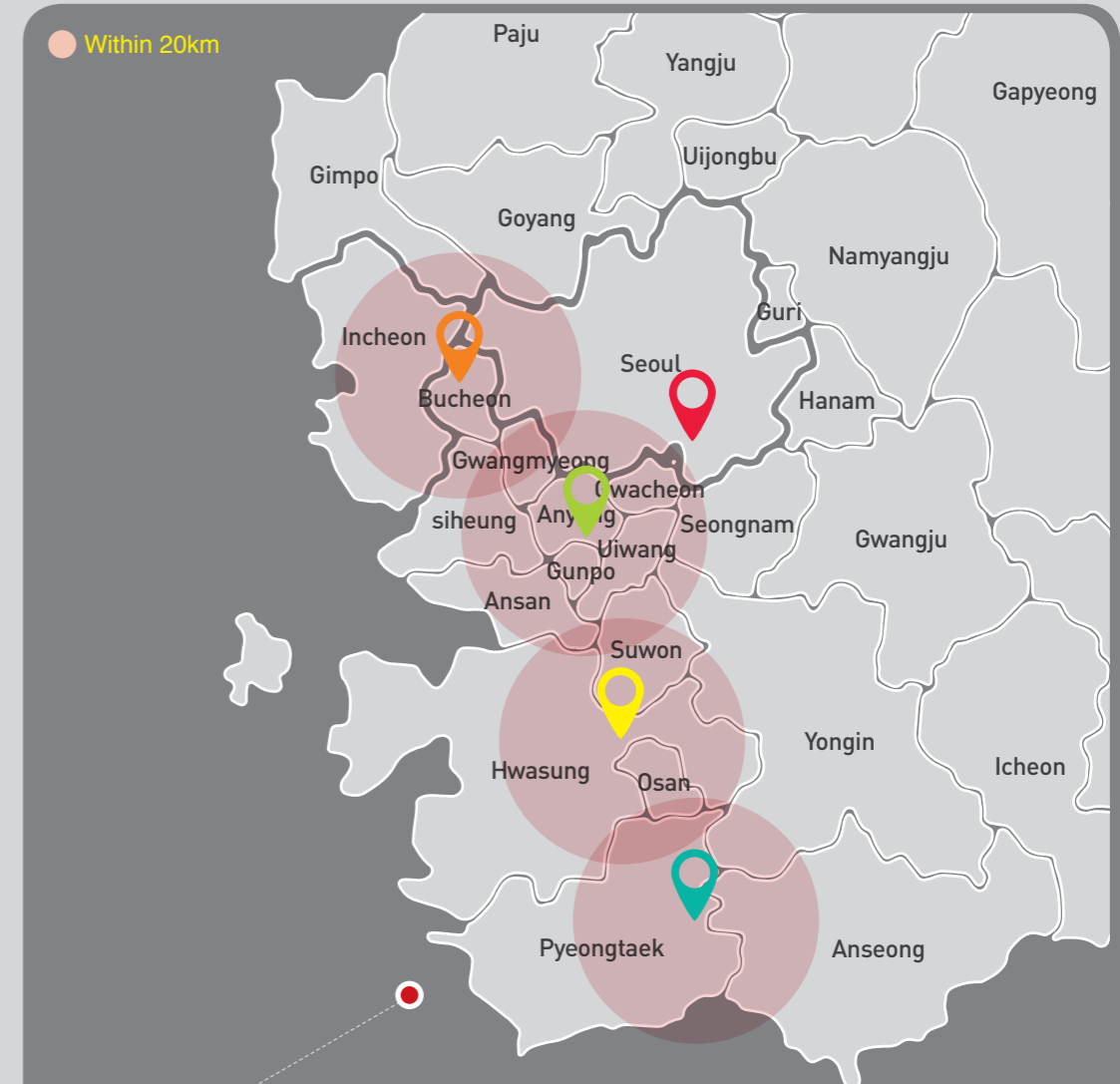
SUNIL

BUSINESS AREAS OF SUNIL

AIMING TO BE NO.1 IN THE RESPECTIVE FIELD



READY-MIXED CONCRETE DEPT.



OUR READY-MIXED CONCRETE BUSINESS
Our ready-mixed concrete business, which is one of the major business areas of Sunil, supplies high-quality ready-mixed concrete to customers on time, based on the largest facilities in the four cities in the metropolitan area (Bucheon, Anyang, Suwon, Pyeongtaek) and systematic quality management system.
Having devoted itself to customers' prosperity and national development, Sunil is now taking a step further for the better future.





100% CUSTOMER SATISFACTION WITH HIGH-QUALITY RAW MATERIALS AND QUALITY MANAGEMENT SYSTEM

REMICON FACTORY **BUCHEON**

FACTORY OVERVIEW

- ▶ Name : Sunil Industrial Co., Ltd. (Bucheon Factory)
- ▶ Location : 58, Ojeong-ro, Ojeong-gu, Bucheon-si, Gyeonggi-do, Korea
- ▶ Contact : T. +82-32-673-0506 F. +82-32-673-9191

MAJOR RESULTS

- ▶ **Supplied ultra high-strength ready-mixed concrete**
- Supplied ultra-high strength ready-mixed concrete (150MPa) and 50, 60, 70, 80MPa concrete
- ▶ **Produced anti-bacterial concrete** – supplied to Mokdong Trapalace, etc.
- ▶ **Produced high-performance concrete**
- Used type 4 (low-heat) cement and premixed cement
- Produced low-heat, high-performance concrete (for subway, airport railway, etc.)
- ▶ **Produced exposed mass concrete** – supplied to the Yeowoldong social welfare center (Taeyoung), etc.
- ▶ **Produced anti-washout underwater concrete** – supplied to Yeuido Park I (Samsung), etc.

PRODUCTION FACILITY

	Site Area	10,948m ²
Manufacturing facility	B/P	210m ³ /hr x 2units
	Production capacity	4,200m ³ /day
	Mixer type	High-performance twin shaf
Storage facility	Cement	1,725ton = 4 Silo
	Slag	280ton x 1 Silo
	FLY-ASH	150ton x 1 Silo
	Coarse aggregate	6,000m ³
	Fine aggregate	5,000m ³
	Admixture	15ton x 1 tank, 12ton x 8tank, 10ton x 2tank
Winter concrete facility	Amount of water used	1,000ton
	Vacuum hot water boiler	1.8mn kcal/hr
	Hot water tank	100ton
Transport capacity	Chiller	75,000kcal/hr
	Mixer truck	75trucks

Sunil Industrial Co., Ltd (Bucheon Factory) which is a main plant of Sunil located in the Metropolitan Area, uses only rigorously selected raw materials to ensure top quality in producing ready-mixed concrete. At Bucheon Factory, as a excellent representative quality and management plant, staff specialized in quality management and process management take care of the entire process of producing general and special concrete, in order to realize Sunil's technological competitiveness and know-how.

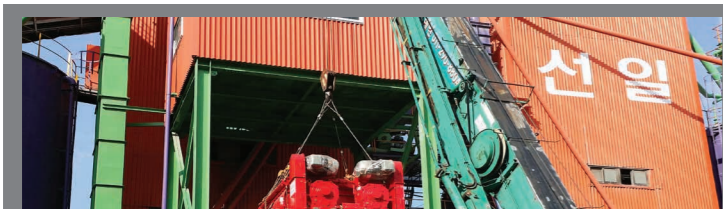




ENVIRONMENTALLY-FRIENDLY SUNIL REMICON WITH POWERFUL SUPPLY BASED ON THE STATE-OF-ART SILO PRODUCING HIGH-PERFORMANCE, HIGH-QUALITY READY-MIXED CONCRETE

REMICON FACTORY ANYANG

Located in the core area of the Metropolitan Area, SUNIL REMICON Co., Ltd supplies high-performance and high-quality concrete in time and ensures safe and punctual delivery of high-quality ready-mixed concrete by using multiple mixer trucks. Also, by storing chemically stabilized concrete aggregates in special state-of-art silo, we make sure to prevent dust and keep the surrounding environment clean. Also, we ensure fast supply of environmentally-friendly high-quality products based on complete waterproofing against rain and snow.



Latest ultra-high strength twister mixer installed in Anyang Factory
Twister Mixer (TWS3250N), KYC, Japan, is a high-performance mixer optimized for both general and special concretes, with the production efficiency improved by 30% compared to the conventional twin shaft mixers. It also has a distinguished discharge system that ensures fast shipping and high pressure auto mixer washer that minimizes quality discrepancy of ready-mixed concrete.



FACTORY OVERVIEW

- ▶ Name : Sunil Remicon (Anyang Factory)
- ▶ Location : 68, Gwiin-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Korea
- ▶ Contact : T. +82-31-451-3232 F. +82-31-454-2181

MAJOR RESULTS

- ▶ Produced ultra-high strength concrete (80MPa and stronger)
– supplied to Dogokdong Tower Palace (Samsung), etc.
- ▶ Produced self-compacting, superfluid, low-heat concretes
– supplied to Dogokdong Tower Palace (Samsung) etc.
- ▶ Produced ultra-high early strength concrete
– supplied to Pyeongcheon The# Central City (POSCO)
- ▶ Produced environmentally-friendly concrete
– supplied to Gwanggyo Complex Building (Daewoo)
- ▶ Produced low slump and lean mixture – supplied to Gangnam Belt Way (Doosan), etc.

PRODUCTION FACILITY

Manufacturing facility	Site Area	10,081㎡
	B/P	210㎡/hr x 2units
	Production capacity	4,200㎡/day
Storage facility	Mixer type	Twin Spiral (Japan Twister)
	Cement	1,350ton = 4 Silo
	FLY-ASH	200ton x 1 Silo
	Coarse aggregate	1,200㎡ x 2 Silo
	Fine aggregate	1,200㎡ x 3 Silo
Winter concrete facility	Admixture	12ton x 10tank
	Amount of water used	600ton
	Vacuum hot water boiler	2mn kcal/hr
Transport capacity	Hot water tank	100ton
	Mixer truck	60Trucks



SUNIL BOASTS THE LARGEST PRODUCTION CAPACITY IN THE REGION, THANKS TO ITS INVESTMENT IN STATE-OF-ART PRODUCTION FACILITIES

REMICON FACTORY **SUWON**

Being in perfect harmony between the **state-of-art multifunctional batcher plant and environmentally-friendly system**, Sunil boasts the largest production capacity (600m³/hr) in the region, and produces a wide range of high-functioning concrete products by using perfect silos and mixing methods. **Based on the state-of-art quality management system, the factory is providing customized products and growing as a leading factory.**

FACTORY OVERVIEW

- ▶ Name : Sunil Enterprise Co., Ltd. [Suwon Factory]
- ▶ Location : 3, Mannyeon-ro, 969 beon-gil, Hwaseong-si, Gyeonggi-do, Korea
- ▶ Contact : T. +82-31-376-3111 F. +82-31-231-1105

MAJOR RESULTS

- ▶ **Produced high-strength, high-performance concrete**
 - supplied to semiconductor additional facilities in Suwon, Hwaseong (Samsung), etc.
- ▶ **Produced non-shrinkage, anti-washout underwater concrete**
 - supplied to Dongtan Metapolis (POSCO), etc.
- ▶ **Produced exposed concrete** - supplied to Dongtan Metapolis (POSCO), etc.
- ▶ **Produced shot concrete** - supplied to Dongtan Seohai Granble (Seohai), etc.
- ▶ **Produced low-slump, pavement concrete**
 - supplied to Suwon - Pyeongtaek expressway (construction section 1-7)
- ▶ **Fireproof (high-strength) concrete (spalling resistance)**
 - supplied to Dongtan Hyperion (Hyundai), etc.

PRODUCTION FACILITY

	Site Area	10,133m ²
Manufacturing facility	B/P	360m ³ /hr x 1unit 210m ³ /hr x 1unit
	Production capacity	6,000m ³ /day
	Mixer type	High-performance Twin Shaft
Storage facility	Cement	1,800ton = 4 Silo
	Slag	300ton x 1 Silo
	FLY-ASH	300ton x 1 Silo
	Coarse aggregate	1,200m ³ x 2 Silo
	Fine aggregate	1,200m ³ x 3 Silo
	Admixture	12ton x 10tank
Winter concrete facility	Amount of water used	600ton
	Vacuum hot water boiler	2mn kcal/hr
	Hot water tank	100ton
Transport capacity	Mixer truck	70trucks





CENTER OF PRODUCING AND SUPPLYING HIGH-QUALITY READY-MIXED CONCRETE IN THE METROPOLITAN AREA BASED ON TOP QUALITY AND SAFETY MANAGEMENT

REMICON FACTORY **PYEONGTAEK**

Located near Pyeongtaek Port, a maritime gateway of the Metropolitan Area and mid-Korea, in the central city of trade and logistics, SUNIL CONCRETE Co., Ltd has achieved the “5-time no-disaster business” with safety-oriented production design and won the quality management award from Gyeonggido, proving its role as a leading manufacturer of high-quality ready-mixed concrete. **We always put top-quality and safety as our utmost priorities while ensuring fast and safe supply of high-quality ready-mixed concrete.**



FACTORY OVERVIEW

- ▶ Name : Sunil Concrete Co., Ltd. (Pyeongtaek Factory)
- ▶ Location : 163, Samnam-ro, Pyeongtaek-si, Gyeonggi-do, Korea
- ▶ Contact : T. +82-31-663-7771~3 F. +82-31-663-7774

MAJOR RESULTS

- ▶ Produced exposed concrete
- ▶ Produced low-slump 2.5cm and smaller
 - supplied to the separating wall for Ssangyong Motor race track, etc.
- ▶ Produced low-heat concrete
- ▶ Produced anti-washout underwater concrete
 - supplied to Samsung C&T Corporation P-Project

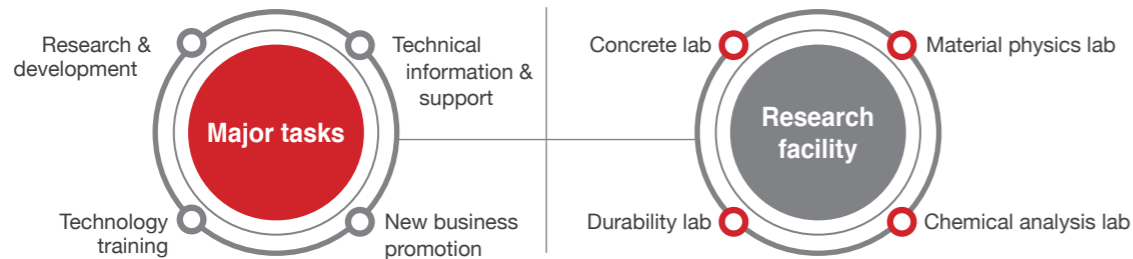
PRODUCTION FACILITY

Manufacturing facility	Site Area	8,783m ²
	B/P	210m ² /hr x 1 unit
	Production capacity	2,100m ³ /day
Storage facility	Mixer type	High-performance Twin Shaft
	Cement	700ton = 2 Silo
	FLY-ASH	100ton x 1 Silo
	Coarse aggregate	2,000m ³
	Fine aggregate	2,000m ³
	Admixture	12ton x 5tank
Winter concrete facility	Amount of water used	600ton
	Vacuum hot water boiler	1.5mn kcal/hr
Transport capacity	Hot water tank	50ton
	Mixer truck	30trucks

SUNIL TECHNICAL R&D CENTER

Sunil Technical R&D Center runs four specialized labs with state-of-art research equipment in different fields, and, by performing research and development related to commercialization of products, strives to help the company make profits and respond to customers' needs.

Sunil's Remicon, which has been supplying top-quality products for over 30 years, has introduced systematic and innovative system for new product development and runs a technical R&D center equipped with optimal R&D environment. Founded in January 2007, Sunil Technical R&D Center performs specialized research for discovering and developing various materials for quality improvement and product development. Also, the research facility and test environment concentrated all of the company's product development and research know-how in one place so that the research staff can develop outstanding new products. The staff at Sunil Technical R&D Center, with the mission of playing a pivotal role for future development of the construction industry, make steady effort for developing innovative products.



OVERVIEW

- ▶ Foundation : January 2007
- ▶ Size : 340m² / two-story complex structure
(steel structure + exposed concrete on the front (150MPa))
- ▶ Organization and facilities :
 - 2 teams (R&D, technical support)
 - 4 labs (concrete, material physics, durability, chemical analysis labs)
- ▶ Research equipment : Over 150 types including XRF, computer servo control UTM
- ▶ Location : 58, Ojeong-ro, Ojeong-gu, Bucheon-si, Gyeonggi-do, Korea
- ▶ Contact : T. +82-032-710-9960 F. +82-032-710-2550



PRIORITIZING CUSTOMER SATISFACTION, SUNIL REMICON CAN SUPPLY HIGH-QUALITY PRODUCTS BECAUSE OF THE EFFORT OF OUTSTANDING RESEARCH STAFF AND UNSTINTING INVESTMENT IN THE ADVANCED FACILITIES.

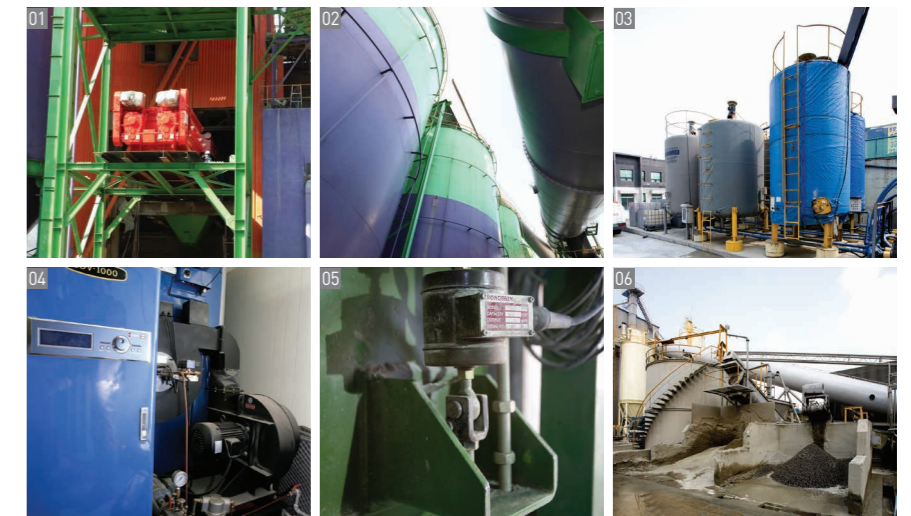


SUNIL REMICON DEPARTMENT SYSTEM & EQUIPMENTS

SYSTEMS OF SUNIL READY-MIXED CONCRETE DEPARTMENT

Quality management system	1 Raw material purchase and acceptance testing	Checks conformity of the raw materials, manages data, selects and handles nonconforming items, finds the best/optimal properties
	2 Process inspection	Checks facility operation and zero-point, calculates, applies, and manages suitable mixture, checks and applies fineness number/ surface water, collects and analyzes data
	3 Intermediate inspection	Inspects, checks, corrects weighing state, selects, handles, and analyzes nonconforming items
	4 Product inspection	Inspects all products before sending to the site, checks strength, accepts and responds to customer complaints, selects nonconforming products, analyzes cause of nonconformity/ complaint
	5 Quality information analysis	Manages failure rate, analyzes nonconformity status, manages lot composition, plans for recurrence prevention, and creates DB based on complaint types
Process control system	1 Production order	Monitors, checks, and controls the entire process from the production order to outputting the finished product
	2 Raw material transport	Checks transport status of different raw materials and parts to filter impurities and maintain process stability
	3 Raw material measuring	Correctly examines measuring of different raw materials to minimize error rate and maintain the correct input
	4 Mixing	Minimizes difference among the same products by monitoring inside the mixer and slump. Ensures optimal production environment based on relevant DB
	5 Discharge	Discharge commanded after checking if there is remaining water inside the mixer truck drum and, if so, removing it
MES System	MES (Manufacturing Execution System) is intended to support overall activities in the field (scheduling, job order, job performance statistics, etc.), and enables more efficient management by automated system ▶BCP system, shipment management system, vehicle management system, shipment GPS management system, silo inventory management system, load cell monitoring system, loading system, smartphone system, etc.	

MANUFACTURING FACILITY



- 01 Concrete mixer
- 02 Silo Cement, aggregate silo
- 03 Admixture silo
- 04 cold weather concrete facility
- 05 Raw material measuring facility
- 06 Used ready-mixed concrete recycling system

INSPECTION EQUIPMENT



- Concrete test facility**
 - 01 Computer servo UTM
 - 02 Twin shaft mixer
 - 03 LA abrasion testing machine
 - 04 Digital Concrete penetrometer
- Material physics test facility**
 - 05 Mortar compression testing machine
 - 06 motorized Mortar flow table
 - 07 thermo-hygrostat(chamber)
 - 08 Mortar mixer
- Durability test facility**
 - 09 Dynamic modulus measuring instrument
 - 10 Freezing-thawing test machine
 - 11 powder mixer
 - 12 Hydration heat measuring instrument
- Chemical analysis test facility**
 - 13 Centrifugal separator
 - 14 Electric furnace
 - 15 Hood
 - 16 Digital PH meter

REST AREA DEPT. _ SUNIL TONGSAN CO., LTD

Run by SUNIL TONGSAN Co., Ltd, the Anseong Rest Area (in Busan direction) is located at 365km point from Busan on Gyeongbu Expressway, and this is the representative rest area of Gyeongbu Expressway which is visited by over 15,000 people on average everyday by supplying the greatest foods and service.

Including Anseong KookBab, which ranked the top as best-selling rest area dish according to the 2011 Korea Expressway Corporation survey, it offers various types of food ranging from Korean to Western, Chinese food, Udon, and various snacks, while the franchise stores add professional quality and diversity in food and services.

Also, LED lights have been applied to all of the stores, hot water is supplied by solar power, and the water is recycled through the water purification facility, in this environmentally-friendly rest area.

Currently, the Anseong Rest Area (in Busan direction) finished renovation with different themes, in 2013, offering various convenience facilities (baby care room, oxygen room) and comfortable rest places (terrace, theme cafe).

- ▶ Anseong Rest Area (in Busan direction) : 365, Gyeongbu Expressway, Wongok-myeon, Anseong-si, Gyeonggi-do, Kore T. +82-31-655-0531 F. +82-31-655-0534
- ▶ Ando Rest Area, China: Ando Rest Area on Changjitu Expressway, Jilin, China
- ▶ Convenience facilities
 - Oxygen room (to prevent sleepiness caused by lack of oxygen)
 - : oxygen generator, back massage chair, blood pressure meter, height and weight meter, body composition analyzer
 - Baby care room : diaper changing table, baby bed, breastfeeding room, oxygen generator, washstand, water purifier

HIGH-EFFICIENCY, LOW-CARBON NEW RENEWABLE ENERGY, LED, WATER RECYCLING SYSTEM



By using the solar power collecting device installed on the roof of the rest area, warm water is supplied to customers 24/7 without causing environmental pollution



For the first time in a rest area in Korea, the lights of the stores, dormitory, and office were changed to LED



The waste water reclamation and reusing system recycles about 50 tons of water per day, and about 120 tons of underground water is saved by using urinals that do not require water.

REST AREA OFFERING HIGH-QUALITY FACILITIES, GREAT TASTE, AND BEST SERVICE

WE PROVIDE BEST SATISFACTION TO CUSTOMERS WITH REFRESHING SPACE AND CUTTING-EDGE FACILITIES

01 Yanbian Sunil Trade Limited Company (Ando Rest Area in China)

02 View of Anseong Rest Area

03 Terrace of the new building

04 Open stores



CHEMICAL DEPT. _ SUNIL CHEMICAL CO., LTD.

Founded in 1993, Sunil Chemical Co., Ltd. opened a new chapter in the history of Korean containers, and contribute to creating new-dietary life culture in order to make healthy and enriched life of the final consumers by producing containers for dairy products and confectionery.

Sunil Chemical that aim for making one of the top products in the world strives to develop new products and foster professionals while trying to satisfy customers' taste.

FACTORY OVERVIEW

- ▶ 46, Hansam-ro, 91 beon-gil, Daeso-myeon, Eumseong-gun, Chungcheongbuk-do, Korea
- ▶ T. +82-43-882-5861 F. +82-43-882-5866
- ▶ Website : www.sunilchemical.co.kr

Size	Site area	15,003m ² (4,538PY)
	Building (gross area)	7,595m ² (2,297PY)
Main facility	Injection Machine	Total 16 units
	Blow Machine	ISBM Type [material : PET] : 7 units
		IBM Type[material : PS]: 2 units
		EBM Type [material : PE] : 7 units
Labeling Machine	2 heated labellers, 4 steam labellers, 2 OPP labellers, 6 sticker labellers	

SUNIL CHEMICAL PARTNERSHIP



MAIN PRODUCTS



Certified by ISO 22000:2005
 The Day of enactment. SEP. 2008
 The Day of acquisition. MAR. 2009.

FERTILIZER DEPT. _ NAMDO-NONGSAN

Located in the clean area of Gangjin-gun, Jeollanamdo, Namdo-nongsan Co.,Ltd is an environmentally-friendly organic fertilizer manufacturer, running 53 offices in Korea.

To become a leading environmentally-friendly bio company, we push ahead with research development and product differentiation through our research center and indstry-academy cooperation) while growing as a leader of the 6th industry(so-called "6th industry" - a combination of the agriculture industry and the manufacturing and tourism industries) based on agriculture product management / processing / distribution technology.

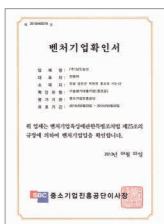
FACTORY OVERVIEW

Organic agricultural materials of Namdo-nongsan have been certified as environmentally-friendly(organic farming) and produced based on advanced facilities and system.

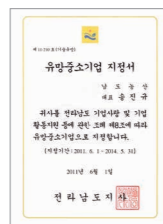
Our main products include environmentally-friendly organic fertilizers registered at Nonghyup, third-type compound fertilizer, and liquid fertilizer.

- ▶ Total site area : 23,529㎡
- ▶ Pellet machine output : 500HP (200HP + 300HP)
- ▶ Production scale: 300 ton/day, 15,000 bags (72,000 tons, 3.6 mn bags per year)
- ▶ 173-12, Honggyo-ro, Jakcheon-myeon, Gangjin-gun, Jeollanamdo, Korea
- ▶ T. +82-61-432-6262 F. +82-61-433-6261
- ▶ Website : www.ndns.co.kr

CERTIFICATES



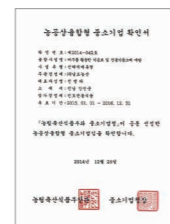
Venture business



Promising SMB



2012 Environmentally-Friendly Brand



Agriculture-industry-commerce convergence business



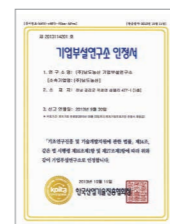
INNO-BIZ



ISO 9001



ISO 14001



Company-affiliated research institute



PRODUCTION SYSTEM FOR ORGANIC MATERIALS

- 01 Production control room
- 02 Product packaging line
- 03 Auto loading line
- 04 Shipping



FOOD BUSINESS AREA

GENERAL FOOD MANUFACTURING

We develop and sell food products using local agricultural products.

FUNCTIONAL MATERIAL DEVELOPMENT

We develop functional substances and materials found in natural resources

HEALTH FUNCTIONAL FOOD MANUFACTURING

We develop and sell high added-value food using functional substances

NEW MARKET ENTRY

By reinforcing our competitiveness, we strive to lead the Korean market and enter overseas markets

TECHNOLOGY AFFILIATES



MAIN PRODUCTS

LEDEBOURIELLA SESELOIDES PRODUCTS

- 01 **Ledebouriella seseloides extract** Tropical fruit extract was added to Ledebouriella seseloides leaf extract for better taste
- 02 **Ledebouriella seseloides pills** Only Korean Ledebouriella seseloides leaves were used to make the pills
- 03 **Ledebouriella seseloides tea** Geumodo Ledebouriella seseloides leaf collected in spring are roasted in the optimal conditions to enhance the unique taste
- 04 **Ledebouriella seseloides concentrate** High-concentrate Ledebouriella seseloides and bitter melon leaf extracts were mixed with honey and oligosaccharides for better taste and healthy effects



FOOD DEPT. - NAMDO-NONGSAN



The Food business of Namdo-nongsan processes local agricultural produce grown in the clean places such as bitter melon and Ledebouriella seseloides to provide healthier and more convenient food to consumers, and it lead consumer's life style.

Instead of focusing on profits, Namdo-nongsan strives to ensure adequate income to farmers and stabilize the supply of raw materials, while increasing synergy effect in local agriculture based on systematic organization and scale and consistency and sophistication of the products.

BUSINESS OVERVIEW

The food business of Namdo-nongsan began from technology transfer of colitis treatment based on 'Ledebouriella seseloides colitis medicine' which was patented by JKTM. From then on, the company entered the food industry, producing various products using Ledebouriella seseloides for the first time in Korea to make pills, teas, and concentrate.

Also, by using the local specialty bitter melon, we launched a RTD(Ready To Drink) tea, contributing to local community and national health. Recently, we are researching functional biological activities of local natural resources and developing a functional food using bitter melon for 'prevention of male menopause.' Our main products include bitter melon PET drink & tea bags, and roasted bitter melon. We are striving to develop functional biomaterials for men by using bitter melon as well as explore natural herbal resources for treating digestive system diseases and improving immunity.

- ▶ 173-9, Hongyo-ro, Jakcheon-myeon, Gangjin-gun, Jeollanamdo, Korea
- ▶ T. +82-61-434-0009 F. +82-61-434-8228
- ▶ Website : www.ndns.co.kr

BITTER MELON PRODUCTS

- 01 **bitter melon tea bag** Rich in vitamins, bitter melon was made into tea bags so that you can enjoy the healthy tea anywhere and anytime
- 02 **vital bitter melon** Healthy food based on bitter melon as main ingredient, containing red ginseng, wild berries, and dendropanax morbifera LEV, to provide energy for everyday life
- 03 **Day bitter melon** Bitter melon was made into granule so that you can enjoy the healthy food anywhere and anytime
- 04 **roasted bitter melon** Enjoy this healthy tea made with roasted bitter melon at home
- 05 **bitter melon PET** Bitter melon-based PET beverage you can take and drink anywhere and anytime





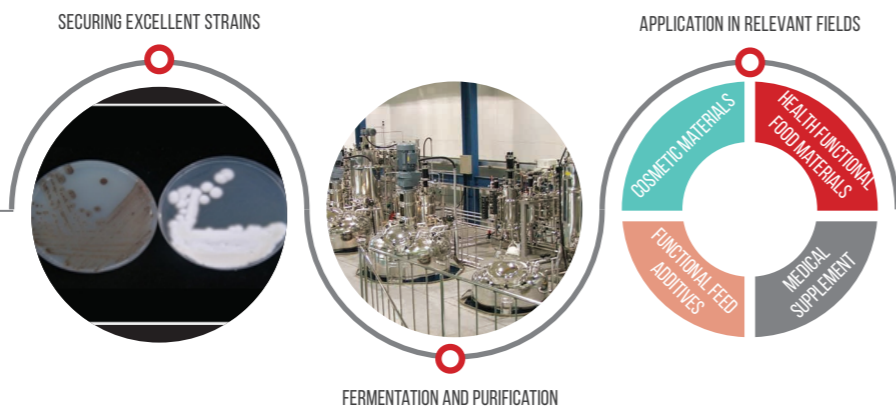
BIO SCIENCE DEPT. — SUNIL BIO CO., LTD.

With the motto, 'respect for life' and 'better quality of life' Agricultural Company Sunil Bio Co., Ltd is researching biomaterials which become the sources of healthy life in the 21st century. Located in the bio industry complex of Jangheung, Jeonnam, the center conducts research and product development through exchanging with the Jeonnam Bioindustry Foundation (Jeonnam Institute of Natural Resources Research, Korean medicine promotion center, Biofood Technology center, Marine Biotechnology Research Center).

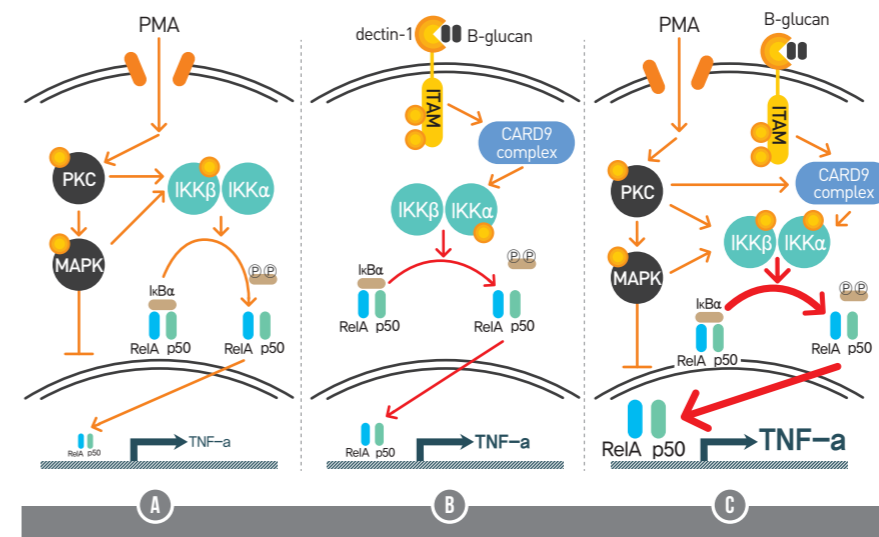
We received technology transfer related to 'strain of Aureobasidium pullulans KSY-0516 producing extracellular secretion type beta-1,3/1,6-glucan and its use' from Korea Research Institute Bioscience and Biotechnology(KRIBB), and, by using culture (100L, 1000L, 10,000L fermentation facility), isolation and purification (continuous centrifugal separator, filter press) and extraction/concentration facility, we are producing β -glucan, which reinforces immune system. Also, we are developing various products using β -glucan (functional food, feed additive/animal vaccine, beauty products) to launch in the Korean and overseas markets in the near future.

- ▶ 49, sandan1ro, Jangheung-eup, Jangheung-gun, Jeollanam-do, Korea
- ▶ T. +82-61-434-0009 F. +82-61-434-8228
- ▶ Website : www.sibio.co.kr

BIOMATERIAL BUSINESS



DEVELOPMENT OF BIOMATERIALS BY FERMENTING AND REFINING EFFECTIVE MICROBES



IMMUNE ENHANCEMENT EFFECTS OF β -GLUCAN

- A PMA(phorbol 12'-myristate 13'-acetate) penetrates cell membranes and are combined with PKC, showing immune activity.
- B However, β -glucan improves immune activity by binding with dectin-1 receptor.
- C The immune activity is further reinforced when PMA and β -glucan are stimulated simultaneously in and outside the cells.

Based on this mechanism, we can maximize immune activity by using an immunity-boosting medicine and β -glucan at the same time.

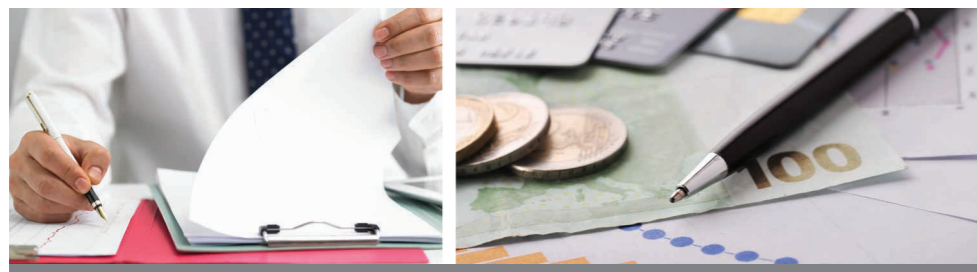


FINANCE

DEPT. _ SUNIL FINANCE CO., LTD.

Based on solid financial health, Sunil Finance provides stable financial customized services to corporations by offering customized financial solutions.

- ▶ 226, Dogok-ro, Gangnam-gu, Seoul, Korea
- ▶ T. +82-2-6909-9923 F. +82-2-3461-9584



SUNIL GROUP R&D CENTER _ READY-MIXED CONCRETE



R&D CENTER OF SUNIL INDUSTRIAL

Think-tank of the ready-mixed concrete department of Sunil, Sunil Technical R&D Center was founded in 2007 for long-term development of the company through fast and flexible response to fast-changing construction environment and customers' needs.

With outstanding research staff in different fields, the center contributes to profits of the company by improving quality of concrete and developing high-performance, multi-functional concretes and environmentally-friendly concrete, with practical and future-oriented research.

Also, by diversifying and sophisticating products based on constant research and development, the center contributes to the company's growth as a leading company in the construction materials industry in Korea and strive to be the best partner for creating a new construction culture in the 21st century.

RESEARCH FIELDS

CEMENT/ CONCRETE

- Ultra High Strength Concrete
- Self Compacting Concrete
- Mass Concrete
- Low Heat Concrete
- Non-Shrinkage Concrete
- Ultra Lightweight Concrete
- Marine Concrete
- Anti-washout underwater Concrete
- Exposed Concrete, etc.

ENVIRONMENTALLY-FRIENDLY/ RECYCLED MATERIALS

- pozzolan reaction/ latent hydraulic materials using industrial byproducts
- Fuel made with polymer materials
- Ultra-light aggregates using various sludges
- Other environmentally-friendly materials

HIGH-FUNCTIONING NEW MATERIALS

- ECC(Engineered Cementitious Composites)
- Semitransparent Concrete
- Smart Concrete
- Porous Concrete
- Dry/Wet Mortar & Bio Mortar
- Grout Filling Agent
- Self Leveling Agent
- Non-explosion splitting agent (leavening agent), biomaterial, photocatalyst, etc.

ADMIXTURES

- Mineral Admixtures
- Chemical Admixtures



SUNIL GROUP R&D CENTER _ FERTILIZER & FOOD



NAMDO-NONGSAN R&D CENTER

Namdo-nongsan R&D Center, located in Gangjin, Jeollanamdo, is equipped with outstanding research staff and state-of-art facility, as well as an organic system for future-oriented basic research to commercialization.

Based on these assets, the center contributes to maintaining healthy soil by providing environmentally-friendly organic fertilizer and producing high-quality agricultural products.



CENTER OVERVIEW

Location	173-12, Honggyo-ro, Jakcheon-myeon, Gangjin-gun, Jeollanam-do, Korea
Size	Gross area 2,651m ² , Building area 2,339m ²
Structure	2-story reinforced concrete and light weight steel structure
Equipment	<ul style="list-style-type: none"> • Constant temperature incubator (microbes) • Stereoscopic microscope (insect observation) • Optical microscope (microbe observation) • Evaporator (Sample concentration) • Vacuum pump (vacuum pressure reduction) • Heated stirrer • Ultrasonic cleaner • Drying oven

RESEARCH FIELDS

- ORGANIC MATERIALS**
 - Organic and liquid fertilizer
 - Crop protection agent
 - Microbial products using antagonistic microorganisms
- FOOD**
 - Technology development for processing and drying agricultural products
 - Development of functional food and beverage
 - Discovery of health-functional materials
 - Development of high added-value food

SUNIL GROUP R&D CENTER _ BIO



SUNIL BIO R&D CENTER

Located in Jangheung, Jeollanamdo, Sunil Bio R&D Center uses surrounding infrastructure and the center's technological competitiveness and experience to lead the bio industry and become a global leader.

The natural immunity material β-glucan, developed by our fermentation and bioengineering technology, is being tested for its immunity enhancement effects and as an ingredient for health food, Cosmetic materials, and medicine.

With the outstanding workforce and technology, Sunil Bio R&D Center will focus on developing effective biomaterials and environmentally-friendly production technology.



RESEARCH FIELDS

- | | | |
|--|--|---|
| DEVELOPMENT OF USEFUL MICROBES | DEVELOPMENT OF BIO-ACTIVE IMMUNE MATERIALS | APPLICATION |
| <ul style="list-style-type: none"> • Microbial screening for producing immune materials • Improvement of microorganisms • Optimization of microbe fermentation and scale-up process | <ul style="list-style-type: none"> • Separation and purification of immune material polysaccharide • NK Cell activity • IL, TNF, IFN, Phagocytic activity | <ul style="list-style-type: none"> • Food / health functional food / Cosmetic materials / medicine • Efficacy / effect and safety |

MAIN FACILITY

- | | |
|--|---|
| PLANT | R&D |
| <ul style="list-style-type: none"> • FERMENTOR • CONTINUOUS CENTRIFUGE • FREEZE DRYER | <ul style="list-style-type: none"> • DEEP FREEZER • AUTOCLAVE • UV SPECTROPHOTOMETER • DRY OVEN • SHAKING INCUBATOR • INCUBATOR • ETC. |

AS A PRINCIPLE, SUNIL INSISTS ON THE BEST QUALITY.

Until our quality-oriented philosophy is established in the Korean industries, Sunil will always accompany you with high-function, high-performance, and high-quality products.

Through relentless effort in R&D to improve the environment, people's health, and product quality, we will become a leading company in the 21th century.



Classification	Name	Location	Address	TEL	FAX
Sunil Headquarter		Seoul	226, Dogok-ro, Gangnam-gu, Seoul	+82-2-3462-0900	+82-2-3462-4374
	Sunil Industrial	Research institute	58, Ojeong-ro, Ojeong-gu, Bucheon, Gyeonggi-do, Korea	+82-32-710-9960	+82-32-710-2550
Ready-mixed concrete	Sunil Industrial	Bucheon	58, Ojeong-ro, Ojeong-gu, Bucheon, Gyeonggi-do, Korea	+82-32-673-0506	+82-32-673-9191
	Sunil Remicon	Anyang	68, Gwiin-ro, Anyang-si, Gyeonggi-do, Korea	+82-31-451-3232	+82-31-454-2181
	Sunil Enterprise	Suwon	3, 969-gil, Mannyeon-ro, Hwaseong-si, Gyeonggi-do, Korea	+82-31-376-3111	+82-31-231-1105
	Sunil Concrete	Pyeongtaek	supplied to Dongtan Metapolis (POSCO), etc.	+82-31-663-7771~3	+82-31-663-7774
Rest Area	Sunil Tongsan	Anseong	364, Gyeongbu Expressway, Wongok-myeon, Anseong-si, Gyeonggi-do, Korea	+82-31-655-0531	+82-31-655-0534
	Yanbain Sunil trade limited company	Ando, China	Ando Rest Area on Changjitu Expressway, Jilin, China	001-86-131-8090-053	
Chemical	Sunil Chemical	Eumseong	46, 91-gil, Hansam-ro, Daeso-myeon, Eumseong-gun, Chungcheongbuk-do, Korea	+82-43-882-5861	+82-43-882-5866
Fertilizer	Namdo nongsan	Gangjin	173-12, Honggyo-ro, Jakcheon-myeon, Gangjin-gun, Jeollanam-do, Korea	+82-61-432-6262	+82-61-433-6261
Bio	Sunil Bio	Jangheung	49, Sandan 1-ro, Jangheung-eup, Jangheung-gun, Jeollanam-do, Korea	+82-61-434-0009	+82-61-434-8228
Finance	Sunil Finance	Seoul	226, Dogok-ro, Gangnam-gu, Seoul, Korea	+82-2-6909-9923	+82-2-3461-9584



GROWING TOGETHER!

WITH CONSTANT INVESTMENT IN FACILITIES AND CEASELESS EFFORT FOR TECHNOLOGY DEVELOPMENT, SUNIL IS YOUR MOST RELIABLE PARTNER.

