



# COMPANY PROFILE

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PT. ESTRONG  
NUSANTARA MANDIRI

Jl. TB. Simatupang No. 1a, Puskop Kartika Jayakarta  
Kampung Rambutan, Jakarta 13830, Indonesia  
Phone +62 21 877 99 576 Fax +62 21 877 99 582

[www.strong-group.com](http://www.strong-group.com)

# About Us

PT. Estrong Nusantara Mandiri (ENM) is established in 2012 as 100 % Indonesian company. We are initially focusing on production of construction chemical products for International brand in Indonesia market. We are experienced in formulation, production and application of wide range construction chemical products: cementitious powder products (grouts, flooring, repairs, waterproofing, shotcrete), epoxy, bonding agents, admixtures and cement additives. Our production and laboratory facilities are supported by experienced personnel with more than 20 years experiences in some international construction chemicals companies with wide experiences in many constructions and building industries.

In the building sectors, we are experienced in solving your problems from the ground works: soil stabilization, ground anchoring products, basement waterproofing until roof top works waterproofing and protection systems. Not only for new buildings, our products range with support your repair works of the existing buildings, including structural problems due to mis-construction, life time or external factors (earth quack, extreme weather etc).

In the construction sectors from airports, sea ports/jetties, toll ways, bridges, tunnels; from underwaters, undergrounds until on the hill construction, we provide right products either for new constructions or repair works

Whilst similar products have been exist on the market in recent years by other companies, we offer the

## Vision & Mission

### Vision

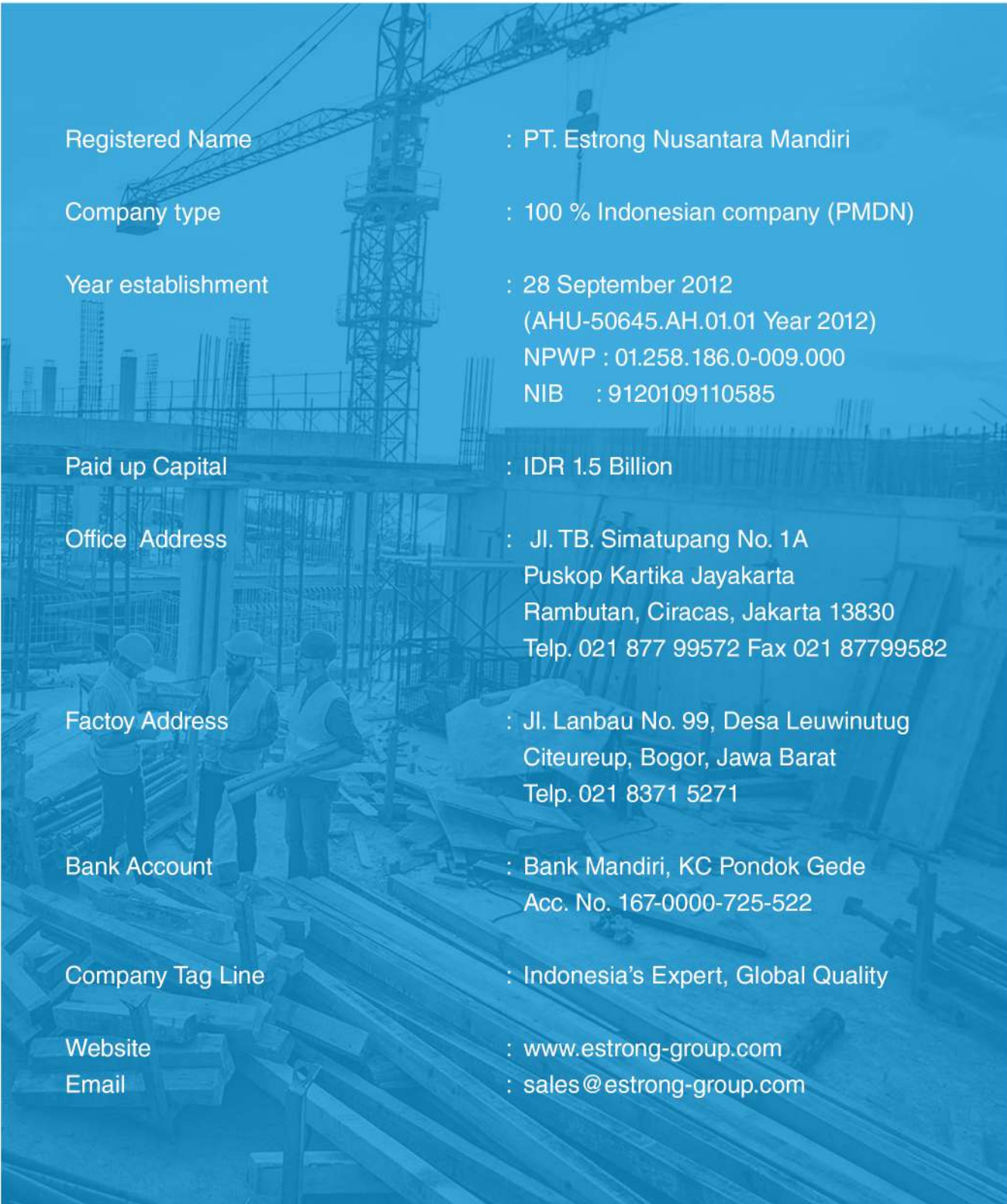
To be well known Indonesian Company supported by Indonesia's experts with global quality products to be preferred supplier in the construction chemical products.

### Mission

- Creating product solutions for customers by giving additional value of the products
- To help customer to solve construction & concrete related problem with right product and application
- Customer Satisfaction is our priority, provide high quality products, delivery and experienced technical services.
- To produce high quality products: global quality with high local contents



# Company Preamble



|                    |                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Registered Name    | : PT. Estrong Nusantara Mandiri                                                                                                     |
| Company type       | : 100 % Indonesian company (PMDN)                                                                                                   |
| Year establishment | : 28 September 2012<br>(AHU-50645.AH.01.01 Year 2012)<br>NPWP : 01.258.186.0-009.000<br>NIB : 9120109110585                         |
| Paid up Capital    | : IDR 1.5 Billion                                                                                                                   |
| Office Address     | : Jl. TB. Simatupang No. 1A<br>Puskop Kartika Jayakarta<br>Rambutan, Ciracas, Jakarta 13830<br>Telp. 021 877 99572 Fax 021 87799582 |
| Factory Address    | : Jl. Lanbau No. 99, Desa Leuwikutug<br>Citeureup, Bogor, Jawa Barat<br>Telp. 021 8371 5271                                         |
| Bank Account       | : Bank Mandiri, KC Pondok Gede<br>Acc. No. 167-0000-725-522                                                                         |
| Company Tag Line   | : Indonesia's Expert, Global Quality                                                                                                |
| Website            | : <a href="http://www.strong-group.com">www.strong-group.com</a>                                                                    |
| Email              | : <a href="mailto:sales@strong-group.com">sales@strong-group.com</a>                                                                |

# Management Profiles



## Agus Winaryanto

President Director

Hp +62 816 753 557, + 62 813 11 290 700

### Education

ITB – Bachelor in Chemistry, 1988

University of NSW, Sydney – MSc in Chemical Eng, 1992

### Working Experiences

|                                                               |                       |
|---------------------------------------------------------------|-----------------------|
| PT. Branta Mulia Tbk – Technical Engineer                     | (1992 – 1998)         |
| PT. Fosroc Indonesia – Technical Manager                      | (1998 – 2004)         |
| PT. Cipta Mortar Utama (MU)<br>– Tech/PPIC/Purchasing Manager | (2004 – 2010)         |
| PT. Estop Indonesia – President Director                      | (2010 – Feb 2020)     |
| PT. Hissan Trading Indonesia – GM Sales                       | (Jul 2018 – Feb 2020) |
| PT. Estrong Nusantara Mandiri – President Director            | (2012 – present)      |



## Miftahul Ariefin

Sales Manager

Hp + 62 812 1049 9511

### Education

ITB – Bachelor in Chemistry (2002)

Prasetya Mulya Business School – S2 Marketing

### Working Experiences

|                                                                    |                      |
|--------------------------------------------------------------------|----------------------|
| PT. DIC Chemicals – Technical Support<br>Sales Moulding & Coating  | (2002 – 2005)        |
| PT. Stella Resins – Sales Executive Coating                        | (2005 – 2006)        |
| PT. Fosroc Indonesia – Sales Engineer / Manager                    | (2006 – 2012)        |
| PT. Grace Indonesia – Sales Manager<br>Specialty Building Material | (2012 – 2016)        |
| PT. DAA Lancap Indonesia – Sales Manager                           | (2016 – 2018)        |
| PT. Estrong Nusantara Mandiri – National<br>Sales Manager          | (Feb 2019 – present) |



## Priambodo

Technical Manager

Hp +62 812 100 4009

### Education

Universitas Pakuan Bogor – Chemistry

### Working Experiences

|                                                                       |                  |
|-----------------------------------------------------------------------|------------------|
| PT. Adiwisesa Mandiri (AM) – Quality Control &<br>RD Engineer         | (1992 – 2001)    |
| PT. Union Carbide Indonesia – Ass. Technical<br>Service & Product Dev | (2002 – 2005)    |
| PT. ASA Indonesia – PPIC & QC                                         | (2005 – 2008)    |
| PT. Bostik Indonesia – Quality Unit Head                              | (2008 – 2009)    |
| PT. ITLS Indonesia – Production, PPIC &<br>Quality Manager            | (2009 – 2015)    |
| PT. Silika Jaya – Production & Quality Head                           | (2016 – 2019)    |
| PT. Estrong Nusantara Mandiri – Technical Manager                     | (2019 – present) |



# Production Facilities



2,200m<sup>2</sup> Production & Warehouse



2 Ton  
Powder Mixer  
With 70 Ton  
per Shift  
Capacity



Supporting  
Equipments

# Laboratory Facilities



Compressive strength, Flexural Strength, Sieve Analysis Test



Mortar Mixer, Setting Time test, Drying Shrinkage Test



Concrete cubes, Flow test, Penetration test, Pull off tester



# Important Projects

📍 Jetty Repair Belitung 2017, 2019



📍 Pasar Ramayana Repair, Pekanbaru 2017



📍 Pelindo II Ciwandan Port Repair, Banten 2017





# Important Projects

📍 Navy Port Repair (Lantamal), Ambon – Maluku 2018, 2020



📍 LRT Jakarta 2016-2019



📍 Shotcrete Project, Puncak 2017



📍 MRT Depo Lebak Bulus, Jakarta 2018





# Important Projects

## 📍 Underwater Grouting & FRP Wrapping – Jetty, Bandar Lampung & Nias



## 📍 Jetty repair (underwater grouting & protective coating), Belitung 2019



## 📍 Slab Repair, Ngurah Rai International Airports, 2019-2020 Hassuddin International Airports, 2020





# Important Projects

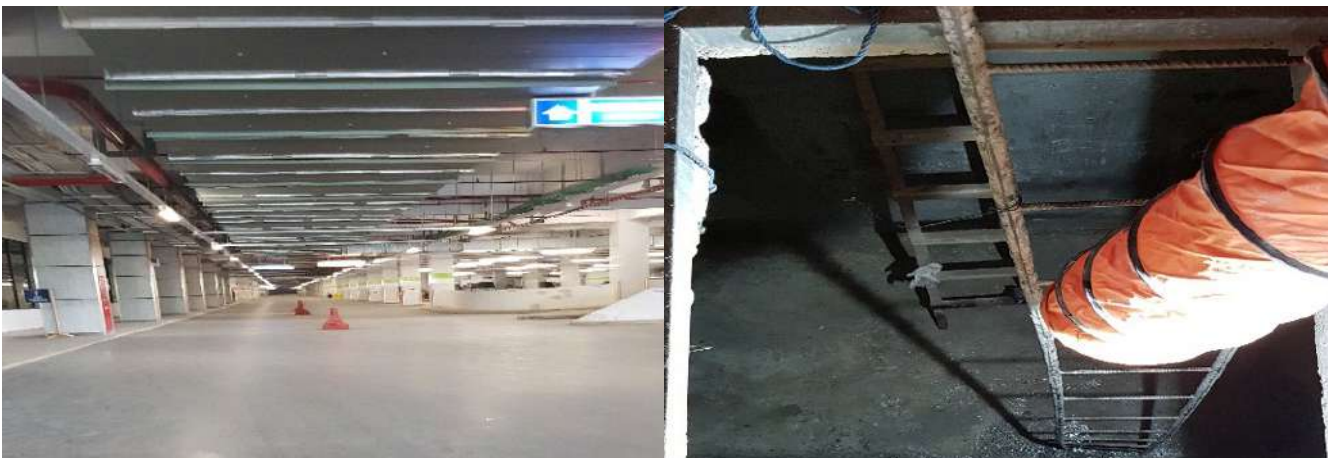
📍 Pile FRP Strengthening (above & underwater), Sungai Siak, Riau 2020



📍 New piles & underwater repair, Coal Jetty, Kintap, Banjarmasin 2019



📍 Floor Slab & GWT Repair Aeon Mall, Sentul City - 2020





# Important Projects

📍 StrongGlass E900, Repair Jembatan Suramadu, Jatim 2021



📍 Tol slab repair (Cisumdawu, Lampung-Palembang, Serpong-Cinere)



📍 Dermaga Pelindo (Padang & Cirebon, 2022)





# Important Projects

## 📍 Piles and Barrier Protective Coating (Tol Bali Madara & Cisumdawu)



## 📍 DDT Project Manggarai - Cikini (Soil injection)



## 📍 Tol Bengkulu – Taba Penanjung 2022 (Soil injection)





# Important Projects

📍 Dermaga Teluk Lamong, Jawa Timur 2022



📍 StrongFloor SL770 & StrongTect PU10, Ngurah Rai International Airport, Domestic Arrival 2022



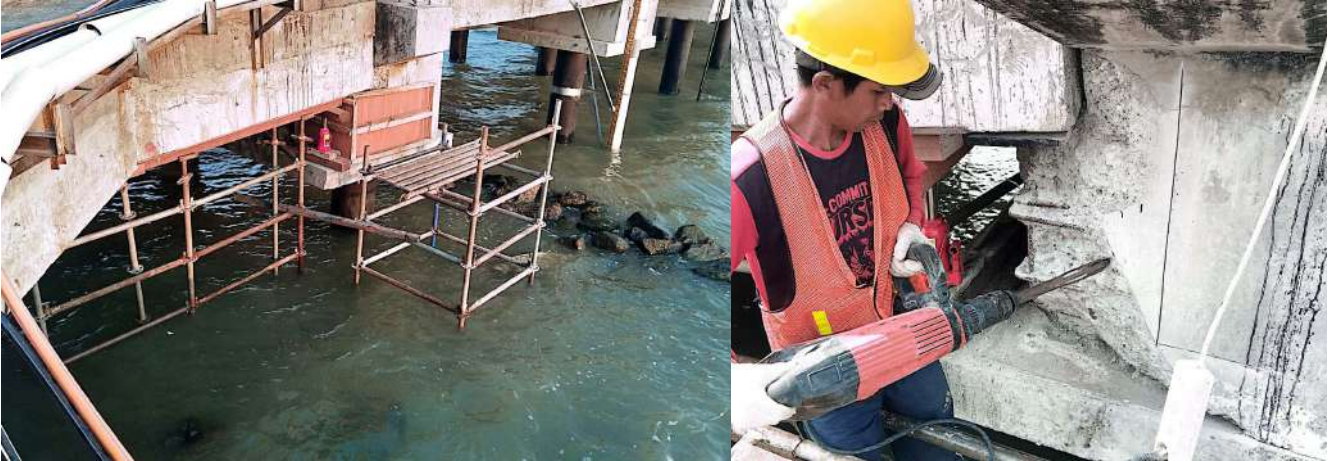
📍 StrongGrout UW& StrongGlass E450, Pertamina RU II, Dumai 2022





# Important Projects

📍 StrongGrout G70 & StrongGrout EP10, Repair Pelabuhan Patimban, Jawa Barat 2023



📍 StrongGrout EP10, PVJ Mall, Bandung 2023



📍 StrongGlass Composite (wet surface), Sistim Kelistrikan Istana Negara, Jakarta 2023





# Important Projects

📍 StrongTect WX400, Dermaga SWP Belitung



📍 StrongTect WX400 (Grey), Dermaga Pulau Kariman, Riau



📍 StrongTect WX400, Project Departemen Perhubungan Laut, Kuala Gaung, Riau



# Legal Documents



**PEMERINTAH REPUBLIK INDONESIA**

**PERIZINAN BERUSAHA BERBASIS RISIKO  
NOMOR INDUK BERUSAHA: 9120109110585**

Berdasarkan Undang-Undang Nomor 11 Tahun 2020 tentang Cipta Kerja, Pemerintah Republik Indonesia menerbitkan Nomor Induk Berusaha (NIB) kepada:

- |                                                          |                                                                                                                                                                         |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Nama Pelaku Usaha                                     | : PT ESTRONG NUSANTARA MANDIRI                                                                                                                                          |
| 2. Alamat Kantor                                         | : Jl. TB. SIMATUPANG NO.1A, PUSKOP JAYA KARTA, RAMBUTAN, CIRACAS, Desa/Kelurahan Rambutan, Kec. Ciracas, Kota Adm. Jakarta Timur, Provinsi DKI Jakarta, Kode Pos: 13830 |
| No. Telepon                                              | : 021-87799576                                                                                                                                                          |
| Email                                                    | : estrong_nm@gmail.com                                                                                                                                                  |
| 3. Status Penanaman Modal                                | : PMDN                                                                                                                                                                  |
| 4. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI) | : Lihat Lampiran                                                                                                                                                        |
| 5. Skala Usaha                                           | : Usaha Kecil                                                                                                                                                           |

NIB ini berlaku di seluruh wilayah Republik Indonesia selama menjalankan kegiatan usaha dan berlaku sebagai Angka Pengenal Impor (API-U), hak akses kepastian, pendaftaran kepastian jaminan sosial kesehatan dan jaminan sosial ketenagakerjaan, serta bukti pemenuhan laporan pertama Wajib Laporan Ketenagakerjaan di Perusahaan (WLKP).

Diterbitkan di Jakarta, tanggal: 8 Januari 2019  
Perubahan ke-2, tanggal: 5 Agustus 2022

**Menteri Investasi/  
Kepala Badan Koordinasi Penanaman Modal,**



Ditandatangani secara elektronik

Dicetak tanggal: 27 Desember 2022

- |                                                                                                                                                 |                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha. | <br>Balai<br>Sertifikasi<br>Elektronik |
| 2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.                                                  |                                                                                                                             |
| 3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSE-BSSN.                         |                                                                                                                             |
| 4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.                                                    |                                                                                                                             |



**PEMERINTAH REPUBLIK INDONESIA**

**PERIZINAN BERUSAHA BERBASIS RISIKO  
LAMPIRAN  
NOMOR INDUK BERUSAHA: 9120109110585**

Lampiran berikut ini memuat daftar bidang usaha untuk:

**A. Tabel Kegiatan Usaha yang Memiliki Perizinan Berusaha yang Berlaku Efektif sebelum Implementasi Undang-Undang Nomor 11 Tahun 2020 tentang Cipta Kerja**

| No. | Kode KBLI | Judul KBLI                                     | Lokasi Usaha                                                                                                    | Perizinan Berusaha |
|-----|-----------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|
| 1   | 46634     | PERDAGANGAN BESAR SEMEN, KAPUR, PASIR DAN BATU | Jl. TB. Simatupang No. 1A, Desa/Kelurahan Rambutan, Kec. Ciracas, Kota Adm. Jakarta Timur, Provinsi DKI Jakarta | Izin Usaha         |
| 2   | 23957     | INDUSTRI MORTAR ATAU BETON SIAP PAKAI          | Jalan Lanbau Nomor 99, Desa/Kelurahan Leuwintug, Kec. Citeureup, Kab. Bogor, Provinsi Jawa Barat                | Izin Usaha         |



# Legal Documents



PEMERINTAH REPUBLIK INDONESIA

## IZIN USAHA

(Surat Izin Usaha Perdagangan)

Pemerintah Republik Indonesia c.q. Lembaga Pengelola dan Penyelenggara OSS berdasarkan ketentuan Pasal 32 ayat (1) Peraturan Pemerintah Nomor 24 Tahun 2018 tentang Pelayanan Perizinan Berusaha Terintegrasi Secara Elektronik, menerbitkan Izin Usaha berupa **Surat Izin Usaha Perdagangan** kepada:

Nama Perusahaan : PT ESTRONG NUSANTARA MANDIRI  
 Nomor Induk Berusaha : 9120109110585  
 Alamat Perusahaan : JL. TB. SIMATUPANG NO.1A, PUSKOP JAYA KARTA, RAMBUTAN, CIRACAS  
 Nama KBLI : PERDAGANGAN BESAR SEMEN, KAPUR, PASIR DAN BATU  
 Kode KBLI : 46634  
 Barang / Jasa Dagangan Utama : Dry Mortar, Semen  
 Lokasi Usaha  
 - Alamat : Jl. TB. Simatupang No. 1A  
 - Desa/Kelurahan : Rambutan  
 - Kecamatan : Ciracas  
 - Kabupaten/Kota : Kota Adm. Jakarta Timur  
 - Provinsi : DKI Jakarta

Surat Izin Usaha Perdagangan **TELAH berlaku efektif.**

Izin Usaha ini berlaku selama perusahaan melakukan kegiatan operasional sesuai ketentuan perundangan-undangan.

Dikeluarkan tanggal : 8 Januari 2019



Dokumen ini dikeluarkan dari Sistem OSS atas dasar data dari pelaku usaha. Kebenaran dan keabsahan atas data yang ditampilkan dalam dokumen ini dan data yang tersimpan dalam Sistem OSS menjadi tanggung jawab pelaku usaha sepenuhnya.



PEMERINTAH REPUBLIK INDONESIA

## IZIN USAHA

(Izin Usaha Industri)

Pemerintah Republik Indonesia c.q. Lembaga Pengelola dan Penyelenggara OSS berdasarkan ketentuan Pasal 32 ayat (1) Peraturan Pemerintah Nomor 24 Tahun 2018 tentang Pelayanan Perizinan Berusaha Terintegrasi Secara Elektronik, menerbitkan Izin Usaha berupa **Izin Usaha Industri** kepada:

Nama Perusahaan : PT ESTRONG NUSANTARA MANDIRI  
 Nomor Induk Berusaha : 9120109110585  
 Alamat Perusahaan : JL. TB. SIMATUPANG NO.1A, PUSKOP JAYA KARTA, RAMBUTAN, CIRACAS  
 Nama KBLI : INDUSTRI MORTAR ATAU BETON SIAP PAKAI  
 Kode KBLI : 23957  
 Lokasi Usaha  
 - Alamat : Jalan Lanbau No. 99.  
 - Desa/Kelurahan : Leuwintug  
 - Kecamatan : Citeureup  
 - Kabupaten/Kota : Kab. Bogor  
 - Provinsi : Jawa Barat

Izin Usaha Industri **TELAH berlaku efektif.**

Izin Usaha ini berlaku selama perusahaan melakukan kegiatan operasional sesuai ketentuan perundangan-undangan.

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# Estrong Product Ranges

*Our mission is to help you to solve your problems and improve your concrete, construction and building with the following products*

- Concrete Admixtures & Cement Additives
- Cementitious & Epoxy Grout (Non shrink, double expansion, underwater, high early strength, high strength epoxy)
- Concrete repairs (microconcrete, floor & slab repair, underwater repair, patch repair, fast setting repair)
- Concrete & Structural Strengthening systems (cementitious grout/jacketing, FRP - Eglass, carbon, aramid strengthening, underwater strengthening, epoxy repair & protection)
- Floorings (cementitious floor hardener, liquid floor hardener, epoxy/pu coating)
- Surface Treatments (curing compound, surface retarder)
- Protective coating (concrete protection, epoxy/pu protective coating, rust protection)
- Sealants & waterstops (bitumen sealants, PU sealant, polysulphide sealant, PVC watersop, rubber waterstops, hydrophillic/sweallable waterstops, joint fillers).
- Waterproofings (cementitious waterproofing, crystalline waterproofing, integral crystalline waterproofing, acrylic & PU waterproofing, polyurea, bitumen membranes, PVC membranes, HDPE membranes, EPDM membranes,



# Product Range and Main Applications

| NO                           | PRODUCT                     | DESCRIPTION                                                                     | MAIN APPLICATIONS                                                                                                                                 | PACKING  |     | REMARKS                                        |
|------------------------------|-----------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|------------------------------------------------|
| ADMIXTURES                   |                             |                                                                                 |                                                                                                                                                   |          |     |                                                |
| 1                            | StrongMix SP350             | High range water reducing admixture and superplasticer                          | Precast concrete, high strength concrete, self compacting concrete                                                                                | 20 & 200 | Ltr |                                                |
| 2                            | StrongMix PE900             | Polymer high range water reducing admixture and superplasticer                  | Precast concrete, high strength concrete, self compacting concrete                                                                                | 20 & 200 | Ltr |                                                |
| 3                            | StrongMix RS                | Accelerator admixture for mortar, non structural concrete                       | Fast setting repair mortar, water plugging, drainage plugging                                                                                     | 20       | kg  |                                                |
| 4                            | StrongMix PoliFiber 6 mm    | Polymer (polyethene) fibre admixture                                            | Reducing cracks of High strength concrete, precasts, concrete for slabs                                                                           | 10       | kg  |                                                |
| 5                            | StrongMix SF                | Silica fume admixture                                                           | Precast concrete, high strength concrete, self compacting concrete                                                                                | 25       | kg  |                                                |
| CEMENT & CEMENTITIOUS GROUTS |                             |                                                                                 |                                                                                                                                                   |          |     |                                                |
| 6                            | StrongGrout Admix 100 & 200 | Grout expanding admixture                                                       | Cement grouting for ground anchors, precasts, soil stabilization                                                                                  | 20       | kg  | In combination with PC350 for ground anchoring |
| 7                            | StrongGrout CG300           | Ready to use high strength, less/no bleeding & expansive cement grout           | Cement grouting for ground anchor, precasts, soil stabilization                                                                                   | 20       | kg  |                                                |
| 8                            | StrongGrout CG200UW         | Cement grout with anti-wash out for saturated water soil grouting               | Cement grouting for ground anchor, precasts, soil stabilization                                                                                   | 20       | kg  |                                                |
| 9                            | StrongGrout CG400ES         | High early strength, less/no bleeding & expansive cement grout                  | Cement grouting for ground anchor, precasts, soil stabilization                                                                                   | 20       | kg  |                                                |
| 10                           | StrongGrout G70 & Prenix    | High strength, non shrink cementitious grout                                    | Machine base plate, precast installation, structural strengthening, concrete repair                                                               | 25 & 30  | kg  |                                                |
| 11                           | StrongGrout G60 & Premix    |                                                                                 |                                                                                                                                                   |          |     |                                                |
| 12                           | StrongGrout G50 & Premix    |                                                                                 |                                                                                                                                                   |          |     |                                                |
| 13                           | StrongGrout HX65            | High early strength cementitious grout with double expansion                    | Machine base plate, precast installation, concrete strengthening,                                                                                 | 25       | kg  |                                                |
| 14                           | StrongGrout F70 & Premix    | High strength ementitious grout with double expansion                           | Machine base plate, precast installation, concrete strengthening,                                                                                 | 25 & 30  | kg  |                                                |
| 15                           | StrongGrout UW & Premix     | High strength cementitious underwater grout with antiwash properties            | Grouting for new and repair of underwater structures                                                                                              | 25 & 30  | kg  |                                                |
| 16                           | StrongGrout EP10 & EPW      | Low Viscosity Epoxy injection for dry and wet surface (EPW)                     | Repair of crack of structural concretes such as columns, beams, slabs, precast concretes, refurbishments                                          | 5        | kg  |                                                |
| 17                           | StrongGrout EP30            | Epoxy injection - wide cracks                                                   | Repair of wider cracks of concretes particularly concrete slabs                                                                                   | 5        | kg  |                                                |
| 18                           | StrongGrout E100X & 110X    | Very high & ulatra strength, flowable, low exothermic epoxy grout               | Grouting for early strength and extra high strength, high modulus need structures, such as heavy machine base plate, rails of heavy dutty cranes. | 20       | kg  | Also available for high flow type              |
| REPAIRS                      |                             |                                                                                 |                                                                                                                                                   |          |     |                                                |
| 19                           | StrongPatch MPX / MPX       | High strength, high build, low shrinkage, repair patching mortar                | Patching repair for concrete structures : coloums, beams, slabs, piles. Recommended for overhead applications.                                    | 25       | kg  |                                                |
| 20                           | StrongPatch HPX             | High early and late strength, high build, low shrinkage, repair patching mortar | Patching quick repair for concrete structures : coloums, beams, slabs, pile                                                                       | 25       | kg  |                                                |
| 21                           | StrongPatch RFC             | Thin / finish repair mortar                                                     | Thin layer, finish repair for structure and precast concretes.                                                                                    | 25       | kg  |                                                |
| 22                           | StrongPatch RSP             | Rapid set, high early strength, rapid patching repair                           | Repair for concrete or floor slab for rapid repair works. Suitable for vehicle traffics after 4 hours.                                            | 30       | kg  |                                                |
| 23                           | StrongPatch RS-60           | Rapid set, high early strength (50 Mpa @ 3 hrs), rapid patching repair          | Repair for concrete or floor slab for rapid repair works. Suitable for vehicle traffics after 3 hours.                                            | 30       | kg  |                                                |
| 24                           | StrongWaterplug             | Fast set waterplugging                                                          | Fast setting morta for water plugging, suitable for plugging running water                                                                        | 20       | kg  |                                                |
| 25                           | StrongBond ECX / EPC        | Non sagging Epoxy bonding and sealent                                           | Thixotropic epoxy bonding agent and sealant for concrete and precast segments. It is also used for sealent for epoxy crack injection.             | 5        | kg  | Available for non thixotropic type             |
| 26                           | StrongBond UW               | Non sagging epoxy repair putty for underwater                                   | Thixotropic epoxy bonding agent and repair putty for wet and underwater concretes/structures                                                      | 5        | kg  | Available for non thixotropic type             |
| 27                           | StrongBond PVA/VA           | Emulsion latex / polymer bonding agent                                          | Polymer bonding agent for concrete and repair works                                                                                               | 20       | kg  |                                                |
| 28                           | StrongBond AR / SBR         | Acrylic / SBR emulsion bonding agent                                            | High grade polymer bonding agent for concrete and repair works                                                                                    | 20       | kg  |                                                |
| 29                           | StrongBond FlowFast         | Fast setting epoxy bonding adhesive / sealant                                   | High adhesion strength epoxy agent for concrete and repair works                                                                                  | 5        | kg  | Suitable for metal to concrete bonding         |
| 30                           | StrongBond ACH400           | Epoxy adheseive for anchoring                                                   | High strength & adhesion of epoxy anchoring system. Suitable for heavy duty anchoring works                                                       | 6        | kg  |                                                |

# Product Range and Main Applications

| NO                                | PRODUCT                          | DESCRIPTION                                                          | MAIN APPLICATIONS                                                                                      | PACKING |     | REMARKS                                                |
|-----------------------------------|----------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------|-----|--------------------------------------------------------|
| 31                                | StrongWrap C200/300/600/1400     | High strength and high modulus carbon fabric                         | Carbon FRP Wrapping for concrete structural strengthening                                              | 50      | m2  | Available for high modulus, high tensile strength type |
| 32                                | StrongWrap Encap Resin & Primer  | Epoxy encapsulation resin                                            | High adhesion strength epoxy resin and primer for FRP application                                      | 15      | kg  |                                                        |
| 33                                | StrongWrap Encap Resin UW        | Epoxy encap resin - underwater                                       | Epoxy resin used for FRP underwater application, such as jetties, bridges                              | 6, 15   | kg  |                                                        |
| 34                                | Strong Laminate C512/812/1012    | High strength carbon laminate / plate                                | Carbon FRP plate for concrete structural strengthening                                                 | 100, 50 | m'  |                                                        |
| 35                                | StrongPlate Adhesive             | Epoxy plate adhesive                                                 | High adhesion strength, non sagging epoxy adhesive for carbon FRP plate                                | 15      | kg  |                                                        |
| 36                                | StrongGlass E450 & E900          | E glass fabric wrap                                                  | Glass FRP Wrapping for concrete structural strengthening & repairs                                     | 40, 20  | m2  |                                                        |
| 37                                | StrongProtect Zincrich           | Zincrich coating                                                     | Zinc epoxy primer for rust protections of structural bars and metals                                   | 1       | ltr |                                                        |
| <b>FLOORINGS</b>                  |                                  |                                                                      |                                                                                                        |         |     |                                                        |
| 38                                | StrongHard HD / HD Colours       | Floor hardener natural & colours                                     | Concrete floor hardener for heavy duty, abrasion resistant floors                                      | 30, 25  | kg  | Available in many colours                              |
| 39                                | StrongHard LiQuid                | Lithium Liquid Floor hardener                                        | Liquid applied floor hardener for strengthening / improve abrasion resistant                           | 5, 20   | ltr |                                                        |
| 40                                | StrongPrime LV / DLV             | Low viscosity epoxy primer                                           | Epoxy primer for epoxy coating and epoxy mortar                                                        | 5       | kg  |                                                        |
| 41                                | StrongHard EP500                 | Epoxy mortar                                                         | High strength epoxy mortar for new and flow repair                                                     | 28      | kg  |                                                        |
| 42                                | StrongFloor FL500                | High abrasion resistang, Epoxy floor coating (up to 500 mic)         | Warehouses, production, hospitals, car parks, showrooms                                                | 20      | ltr |                                                        |
| 43                                | StrongFloor SL770                | High abrasion resistang, Epoxy floor self levelling (1000- 3000 mic) | Warehouses, production, hospitals, car parks, showrooms                                                | 20      | ltr |                                                        |
| 44                                | StrongTile GP / BC               | Tile adhesive general purpose                                        | Tile adhesive for tiles, granites, stones. Suitable for floors and walls as well as tile on tiles (BC) | 25      | kg  |                                                        |
| <b>WATERPROOFING</b>              |                                  |                                                                      |                                                                                                        |         |     |                                                        |
| 45                                | StrongProof PU                   | Low viscosity PU 1K foam injection                                   | Crack injection for wet or water leaked concrete repair                                                | 5, 20   | kg  |                                                        |
| 46                                | StrongMix WPX                    | Integral waterproofing                                               | Superplastizing integral waterproofing for concrete                                                    | 20, 200 | Ltr |                                                        |
| 47                                | StrongProof Grey & Flexi         | 2 component waterproofing coating                                    | Cement based - polymer waterproofing for basement, bathroom, concrete decks etc.                       | 20, 30  | kg  |                                                        |
| 48                                | StrongProof 3B Sand / Mineral    | Torch on bitumen sanded membrane                                     | Waterproofing for non exposed / exposed application for new building & repairs                         | 10      | m2  |                                                        |
| 49                                | StrongProof 4B Sand              | Torch on bitumen sanded membrane                                     |                                                                                                        |         |     |                                                        |
| 50                                | StrongProof S150 NB              | Self adhesive bitumen membrane                                       | Waterproofing for indoors and fondations and engineering structures.                                   | 20      | m2  |                                                        |
| 51                                | StrongProof Primer WB            | Bituminous water based primer                                        | Primer for torch on and adhesive bitumen membranes                                                     | 20      | ltr |                                                        |
| 52                                | StrongProof Primer SB            | Bituminous solvent based primer                                      |                                                                                                        |         |     |                                                        |
| 53                                | StrongProof GPX                  | Bituminous water based waterproofing                                 | Liquid bituminous membrane for multi layer application (non exposed)                                   | 20      | ltr |                                                        |
| 54                                | StrongProof Acryline             | Elastomeric acrylic waterproofing coating                            | Waterproofing coating for exposed concrete structures                                                  | 20      | kg  |                                                        |
| 55                                | StrongProof XtraShield Plus      | High grade PU - acrylic waterproofing coating                        | Waterproofing coating for exposed concrete structures                                                  | 20      | kg  |                                                        |
| 56                                | StrongProof PVC 1.5 mm           | Long durability PVC Membrane                                         | Waterproofing for new and existing exposed concretes. Suitable for roof top gardens.                   | 42      | m2  | Available in some colours : grey, green etc.           |
| 57                                | StrongProof EPDM 1.2 mm          | Long durability EPDM Membrane                                        | Waterproofing for new and existing exposed concretes. Suitable for roof top gardens.                   | 30      | m2  |                                                        |
| 58                                | StrongGeotextile 150 gr & 250 gr | Non woven geotextile                                                 | New road constructions, soil stabilization                                                             | 4 x 100 | m2  |                                                        |
| 59                                | StrongProofDesmopol PU           | PU liquid membrane                                                   | Waterproofing for exposed concretes (new & existing), such as roof, decks, balconies                   | 25      | kg  | Available in some colours : white, grey, green etc.    |
| 60                                | StrongProof Tecnotop 2C          | PU exposed top coat                                                  | Top coat for PU liquid membranes                                                                       | 13      | kg  |                                                        |
| <b>WATERSTOP&amp;JOINT FILLER</b> |                                  |                                                                      |                                                                                                        |         |     |                                                        |
| 61                                | StrongStop Hydroswell            | Bitumen-bentonite swealable w/stop                                   | Waterstop for concrete joints                                                                          | 5       | m'  |                                                        |
| 62                                | StrongStop Hydrophilic W10       | Hydrophilic swealable w/stop                                         | Water stops for concrete joint (general purposes)                                                      | 20, 6   | m'  |                                                        |
| 63                                | StrongStop Hydrophilic W20       | Hydrophilic swealable w/stop                                         |                                                                                                        |         |     |                                                        |
| 58                                | StrongStop PVC                   | PVC watersop                                                         | Building, dams, factories                                                                              | 10 - 20 | m'  |                                                        |
| 64                                | Estrong Rubber Waterstop         | Rubber watersop                                                      | Building, dams, water reservoirs                                                                       | 10 - 20 | m'  |                                                        |



# Product Range and Main Applications

| NO                     | PRODUCT                     | DESCRIPTION                                     | MAIN APPLICATIONS                                                             | PACKING    |     | REMARKS |
|------------------------|-----------------------------|-------------------------------------------------|-------------------------------------------------------------------------------|------------|-----|---------|
| WATERSTOP&JOINT FILLER |                             |                                                 |                                                                               |            |     |         |
| 61                     | StrongStop Hydroswell       | Bitumen-bentonite swealable w/stop              | Waterstop for concrete joints                                                 | 5          | m'  |         |
| 62                     | StrongStop Hydrophilic W10  | Hydrophilic swealable w/stop                    | Water stops for concrete joint (general purposes)                             | 20, 6      | m'  |         |
| 63                     | StrongStop Hydrophillic W20 | Hydrophilic swealable w/stop                    |                                                                               |            |     |         |
| 58                     | StrongStop PVC              | PVC watersop                                    | Building, dams, factories                                                     | 10 - 20    | m'  |         |
| 64                     | Estrong Rubber Waterstop    | Rubber watersop                                 | Building, dams, water reservoirs                                              | 10 - 20    | m'  |         |
| SURFACE TREATMENTS     |                             |                                                 |                                                                               |            |     |         |
| 65                     | StrongCure SC               | Silicate curing agent                           | Curing for new concrete, expecially for floor and slabs.                      | 200        | kg  |         |
| 66                     | StrongCure P                | Polymer emulsion curing agent                   | Curing for new concretes, expecially for floor and slabs, better protection   | 20, 200    | kg  |         |
| 67                     | StrongMold OB               | Biodegradable mold oil - concrete release agent | Release agent for precast concretes products, insitu precast concretes        | 200, 1,000 | ltr |         |
| 68                     | StrongMix Hydrotard         | Concrete surface retarder                       | Used for exposed aggregate concrete or new pouring concrete                   | 20         | kg  |         |
| 69                     | StrongTect XWR              | Silane Siloxane water repellent                 | Water repellent coating for exposed concrete, precast and concrete structures | 20         | ltr |         |
| 70                     | StrongTect HX400            | Epoxy protective coating                        | Protective coating for exposed concrete in aggressive environments            | 20         | ltr |         |
| 71                     | StrongTect WX400            | Epoxy protective coating for wet surfaces       | Protective coating for exposed concrete in aggressive environments            | 20         | ltr |         |
| 72                     | StrongTect CP Coat          | Concrete exposed protection coating             | Protective & decorative coating for exposed / precast concrete                | 30         | kg  |         |



# COMPANY PROFILE



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