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i Enterprise Ltd BROCHURE.pdf

info@iel.com.bd

# iEnterprise Limited

*Construction Chemical Applications*

# CORPORATE BROCHURE

# About Us

I ENTERPRISE is a trading company. I ENTERPRISE has started its operation in 2013. In terms of status, in 2020. I ENTERPRISE to I ENTERPRISE LIMITED. Supply & Apply Construction Chemicals. Concentrate their activity on chemicals for the construction industry.

i Enterprise Limited is a leading name in Construction Industry to Supply & Apply High Tech Construction Chemicals in terms of trust and reliability in Bangladesh.

In all our activities we set high standards for our work and behavior. We focus on the needs of our markets and strive to achieve a high level customer satisfaction and confidence.

## Our Services aligned in 5 target markets.

■ Chemical Import ■ Chemical Supply ■ Chemical Application ■ Maintenance ■ Refurbishment.

### ■ CHEMICAL IMPORT

Bangladesh's chemical imports have nearly tripled in the past decade, spurred by the rising demand from various industrial sectors in domestic and foreign markets. In this regard, we are importing Construction Chemicals & Other tools from various countries.

### ■ CHEMICAL SUPPLY

We supply construction chemicals and its Application aligned in nine target markets Likes: Concrete Admixture, Flooring, Grouting, Sealing & Bonding, Repair, Waterproofing, Expansion Joint, Protecting, Retrofitting, Tunneling & Fire Retardation etc.

### ■ CHEMICAL APPLICATION

To apply high-tech chemical products, we train our Applicators on a regular basis to undertake the jobs under proper supervision of specialized Civil Engineers. International quality, Technical backup and your Trust makes us a successful and leading Construction Chemical Applicator in Bangladesh. "No compromise with quality, it's 100% guaranteed". i Enterprise Ltd has introduced service products that the market requires in the following areas: ı Waterproofing System ı Concrete Repair ı Grouting ı High Performance Coating ı Flooring System ı Expansion Joint Treatment ı Fire Protection ı Insulation.

### ■ MAINTENANCE

For achieving proper maintenance of newly constructed structures, the maintenance plan should be formulated at the design stage, so that structural type and material used can be chosen to make the maintainability of the structure, which assures easy maintenance during its design service life.

### ■ REFURBISHMENT

Concrete repair is the process of fixing a hardened concrete surface that over time has lost the ability to hold the binding concrete materials together due to damage or environmental exposure. Concrete repair is appropriate for cracks, physical impacts, chipped-out surfaces, or surface scaling. However, our goal/ Purpose is to repair the concrete and refurbish the concrete.

SAFETY
iEL believes safety is paramount with respect to iEL services and our interactions with customers.

PERFORMANCE
iEL delivers promises to customers and delights in exceeding their expectations.

RESPECT
iEL works closely with customers from many diverse backgrounds and respects different beliefs.

MUTUAL TRUST
iEL believs in open, long term relationship delivering mutual value.

PASSION
We are proud of our heritage and we want to deliver future success via our customer's success.

One promise, one experience defined by the idea behind our brand – "Building Confidence"

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# CONSTRUCTION CHEMICALS SHORT LIST WITH FEW DETAILS

## A. Concrete Admixture System

| SL | PRODUCT NAME | DESCRIPTION | PACKAGING |
|---|---|---|---|
| 01 | Denka Powr CSA Type R | Shrinkage Reducing and Compensating Additive | 20 Kg Bag |
| 02 | Denka Power CSA Type S | Shrinkage Reducing and Compensating Additive | 20 Kg Bag |
| 03 | Denka Sigma 1000 | Additive for Super High Strength Concrete | 25 Kg Bag |
| 04 | Denka Sigma 2000 | Additive for Super High Strength Concrete | 25 Kg Bag |
| 05 | Denka Beform | Cementitious Quick Hardening A dditive | 20 Kg Bag |
| 06 | Denka SC- 1 | Amorphous Calcium Aluminate Based Quick Hardening Additive | 20 Kg Bag |
| 07 | Denka Printar | Fiber Reinforced Quick Setting Cementitious Mortar for 3D Printing | 20 Kg Bag |
| 08 | Estotard Precor | Surface Retarder For Concrete | 20 Ltr Can |
| 09 | WP 111 Integral Waterproofing | Waterproofing, Damp and Salt Protective Admixture for Concrete & Mortar. | 5, 10 & 20 Kg Can |
| 10 | PC 112 Superplasticizer | Water reducing cum plasticizing admixture for concrete | 5, 10 & 20 Kg Can |
| 11 | PC 211 Superplasticizer | Pce based new generations super plasticizer & retarding admixture | 5, 10 & 20 Kg Can |
| 12 | ACCE 311 | Accelerating Admixture for Concrete & Mortar. | 20 & 250 Kg Can |

High Performance Concrete

Pump-able Concrete

Precast Concrete

Self-Compacting Concrete

## B. Grouting System

| | | | |
|---|---|---|---|
| 01 | Estogrout MP 60 | Multi purpose Shrinkage Compensated Grout | 25 Kg Bag |
| 02 | Estogrout MP 70 | High Strength Shrinkage Compensated Grout | 25 Kg Bag |
| 03 | Denka Pretascon Type -1R | High Performance, Cementitious Non-Shrinking Grout | 25 Kg Bag |
| 04 | Denka Pretascon Type -M | Non-shrink Mortar for Grout (for Use in Massive Mortar) | 25 Kg Bag |
| 05 | Denka High Pretascon T-H | Ultra fast hardening non shrink grout (rapid strength development) | 25 Kg Bag |
| 06 | Estorex FG | Three Component Free Flow Epoxy Grout | 10 Ltr Pack |
| 07 | Estorex EPS 75 | High Strength, Epoxy Resin Grout | 14 Ltr Set |
| 08 | Estogard Admix | Plasticized Expanding Grout Admixture | 25 Kg Bag |
| 09 | Estogard Admix PE | Plasticized Expanding Grout Admixture | 25 Kg Bag |

Non-Shrink Grout

Epoxy Grout

Cable Grout

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| SL | PRODUCT NAME | DESCRIPTION | PACKAGING |
|---|---|---|---|

## C. Flooring System

| | | | |
|---|---|---|---|
| 01 | Estotop SQ | Non-Metallic Dry Shake Surface Floor Hardener Compound for Fresh Concrete | 25 Kg Bag |
| 02 | Estotop Emery | Emery Base Monolithic Surface Floor Hardening Compound | 25 Kg Bag |
| 03 | Estotop NF8 Metallic | Non-Ferrous Metallic Floor Hardener | 25 Kg Bag |
| 04 | Estogard PU S200 | 3 – 6 mm Self-Smoothing Polyurethane Topping | 20 Kg Set |
| 05 | Estogard S200e | 1.0 – 3.0 mm Self Levelling Epoxy Topping | 16 Kg Set |
| 06 | Estogard T 500e | 3 – 5 mm Heavy Duty Epoxy Resin Floor Topping | 28 Kg Set |
| 07 | Estogard CS 50e | 0.2 – 2.0 mm High Build Epoxy Floor Coating | 5 Kg Set |
| 08 | Estogard CS 10e | High Performance Epoxy Resin Floor Coating | 5.50 Kg Set |
| 09 | Estogard SP30 | Hardening and dustproofing compound | 20 Ltr Pail |
| 10 | Estogard WB 134 | Water-based Penetrating Epoxy Primer | 5 Kg Set |
| 11 | Estoprime LV | Low Viscosity Epoxy Based Primer | 5 Kg Set |
| 12 | Estocem UL | Self-smoothing, Thin Layer Underlayment | 25 Kg Bag |

Floor Hardener

Floor Polishing

Epoxy Flooring

PU Flooring

## D. Waterproofing System

| | | | |
|---|---|---|---|
| 01 | Estokote Crystalline | Crystalline Capillary Waterproofing System | 25 Kg Bag |
| 02 | Estokote Grey | Polymer Modified Cementitious Waterproofing Slurry & Protective Coating | 22.50 Kg Set |
| 03 | Estokote Flexi | High Performance Polymer Modified Elastomeric Waterproofing Membrane System | 33 Kg Set |
| 04 | Estokote Super | Polymer Modified Cementitious Waterproofing Slurry & Protective Coating | 25 Kg Bag |
| 05 | Estoflex GPS | High Performance Spray-able, Flexible Bitumen –Rubber Membrane | 18 Ltr Pail |
| 06 | Estop Sealproof | Crystallization Penetrating Aids and Waterproofing of Old or New Concrete System | 20 Ltr Pail |
| 07 | Estoflex Dymeric | Decorative, Elastomeric and UV Resistance Waterproofing Coating | 20 Ltr Pail |
| 08 | Estoflex Acryl 1000 | Decorative, Elastomeric Waterproof Membrane for Roof | 20 Ltr Pail |
| 09 | Estoflex GP | Flexible Bitumen – Rubber Membrane | 20 Ltr Pail |
| 10 | Estoflex PU850 | High performance Moisture Cured Polyurethane Elastomeric Liquid Applied Seamless Waterproofing Membrane | 20 Kg Pail |
| 11 | Estop Water Plug | Fast Setting, Hydraulic Cementitious Mortar | 05 Kg Tin |
| 12 | Estoflex Solar 690 | PURE Polyurea Waterproofing Membrane | 425 Kg Set |
| 13 | Estoproof 30 | High Performance Multi-Purpose Damp Proof Membrane | 90 SQM Roll |
| 14 | Estoflex Solar 790 | Hybrid Polyurea Waterproofing Membrane | 425 Kg Set |
| 15 | Estofoam PU Super | One Component Flexible Polyurethane Foam | 10 Kg Set |
| 16 | Estofoam PU | One Part Polyurethane Foam Grout | 10 Kg Pail |
| 17 | Estoprimer Pu T117 | Polyurethane Based Primer | 17 Kg Can |
| 18 | Estoproof 60 | High Performance Multi-Purpose Damp Proof Membrane | 90 SQM Roll |

Seepage Treatment

Cementitious Coating

Bituminous Coating

Self-Adhesive Membrane

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Torch Membrane

Leakage Treatment

Hydro swelling bar

Damp Proofing

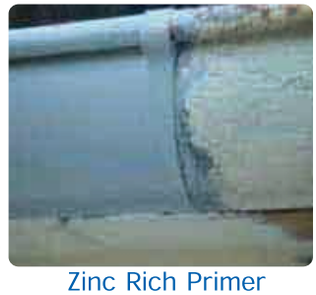
## E. Protecting System

| | | | |
|---|---|---|---|
| 01 | Estotect CT 450 | Pitch Extended Epoxy Resin Coating | 5 & 20 Kg Set |
| 02 | Estotect E230 | High Solids Epoxy Topping | 5 & 20 Kg Set |
| 03 | Estotect E250 | Glassflake Epoxy Coating | 5 & 20 Kg Set |
| 04 | Estotect EN600 | Chemical Resistance Solvent Free Novalac Epoxy Coating / Lining | 5 & 20 Kg Set |
| 05 | Estotect SWR | A Surface Water Repellent and Waterproofer | 20 Ltr Pail |
| 06 | Estocure WB (Curing Agent) | Water Based Concrete Curing Compound | 20 Kg Bag |
| 07 | Estocure R90 | High Efficiency Concrete Curing Compound | 20 Kg Bag |
| 08 | Estoform OB (Releas Agent) | High Efficient Mould Realeasing Agent | 20 Kg Bag |
| 09 | Estotect Zincrich | Single Component Epoxy Zinc Primer | 5 kg/ can |

Epoxy Coating

Shutter Release Agent

Curing Compound



Zinc Rich Primer

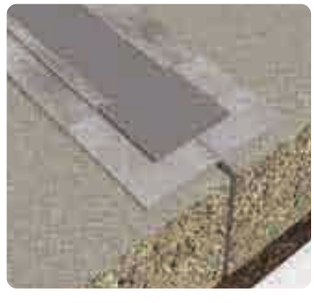
## F. Expansion Joint System

| | | | |
|---|---|---|---|
| 01 | IE Filler Board | Closed cell polyethylene joint filler | 4.1785 SQM |
| 02 | IE PVC water Stop | IE PVC Waterstop is a flexible PVC water-stop for joint waterproofing | 20 M Roll |
| 03 | Estop Backer Rod | Joint filler – Extruded closed cell Polythylene Foam | 200 M Roll |
| 04 | Estocell | Bitumen Impregnated Fibre Board | 2.684 Sqm |
| 05 | Estocell RBCF | Resin Bonded Cork Filler | 0.558 Sqm Board |
| 06 | Estolistic | Hot poured rubber bitumen horizental joint sealant | 20 Kg Pail |
| 07 | Estojoint | Hand Applied Flexible Bituminous Putty | 05 Ltr Tin |
| 08 | Estoseal 109 | One part, gun applied, and moisture activated polyurethane sealant | 600ml foil sachets |
| 09 | Estoseal T600 | Multi-component, low modulus, chemical cure polysulphide joint sealant | 2.50 Ltr Set |
| 10 | Estopper Hypatite | Elastomeric Membrane System for Expansion Joint Waterproofing | 20 M Roll |

Filler Board

Expansion Joint

Backer Rod



Expansion Joint
(Tap System)

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| SL | PRODUCTS NAME | DESCRIPTION | PACKAGING |
|---|---|---|---|

## G. Adhesive System

| | | | |
|---|---|---|---|
| 01 | Estobond PCA | Thixotropic Epoxy Segmental Bridge Adhesive | 7.60 Kg Set |
| 02 | Estobond Acryl | Acrylic Emulsion Bonding Agent | 20 Ltr Pail |
| 03 | Estobond EC | Thixotropic Epoxy Bonding and Sealant | 5 Kg Set |
| 04 | Estobond EP-X | two component, solvent free epoxy resin Thixotropic Epoxy adhesive | 5 Kg Set |

Acrylic bonding agent

Epoxy bonding agent

Epoxy Putty

## H. Anchoring Agent

| | | | |
|---|---|---|---|
| 01 | FX E 400 | Solvent-free, epoxy resin based, two part high performance anchoring adhesive. | 400 ml Cartridge |
| 02 | GU 500SD | Pure Epoxy 3:1 resin is a high performance, two components pure epoxy resin system | 400 ml Cartridge |
| 03 | IE 500SD | Pure Epoxy 3:1 resin is a high performance, two components pure epoxy resin system | 400 ml Cartridge |
| 04 | IE 2000 | High performance, rapid curing two part chemical anchoring system | 380 ml Cartridge |

FX E 400 400ML

Anchoring Agent

GU-500 650ML

## I. Concrete Repair System

| | | | |
|---|---|---|---|
| 01 | Denka Super Cement SC 30 Concrete | Ultra-quick hardening concrete | 60.10Kg Set |
| 02 | Denka Quickset B120 | Ultra-quick hardening additive | 25 Kg Set |
| 03 | Denka Cosmic RD-M | Quick hardening cementitious grout for semi-rigid pavement | 20 Kg Bag |
| 04 | Estop Micro Concrete | High Performance Micro Concrete | 25 Kg Bag |
| 05 | Estopatch MP | Cementitious Polymer Modified Repair Compound | 25 Kg Bag |
| 06 | Estopatch SRF | Concrete Surface Repair Filler | 25 Kg Bag |
| 07 | Estopatch RSP | Rapid – setting patch repair concrete for pavements and floors | 25 Kg Bag |
| 08 | Estopatch RSR | Polymer Modified Fast Setting patching material for Pavement Repair | 25 Kg Bag |
| 09 | Estopatch ST | Polymer Modified Structural Repair Mortar | 25 Kg Bag |
| 10 | Estorex BC | High Strength Epoxy Mortar for Bedding | 10 Kg Set |
| 11 | Estocrete WR | High Strength Solvent Free Epoxy Resin Patching Mortar | 6 Kg Set |
| 12 | Estofill | Low viscosity, two-part free flow High performance Epoxy resin | 2 & 20 Kg Set |

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Crack Repair

Micro Concrete

Overhead/ Vertical Repair

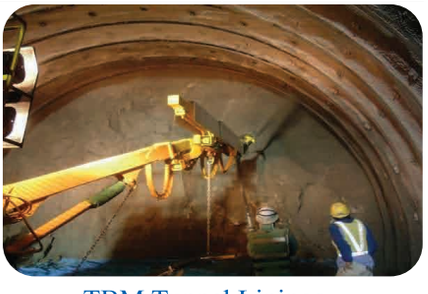
Fair Face Mortar

## J. Tunneling System:

| | | | |
|---|---|---|---|
| 01 | Denka Natmic Af-S | Alkali-Free Liquid Accelerator for Sprayed Concrete Application | 280 Kg Drum |
| 02 | Denka Natmic Z - AF | Alkali-Free Powder Accelerator for Shotcrete | 25 Kg Bag |
| 03 | Denka Subshort Mortar N | Premixed Spray Mortar for Wet / Dry Process | 25 Kg Bag |
| 04 | Denka Subshort Mortar S | High Performance Premixed Quick Hardening Spray Mortar for Dry Process | 25 Kg Bag |
| 05 | Denka ESL | Soil stabilization hardening accelerator | 20 Kg Bag |
| 06 | Denka ES | Rapid Hardening Cement Based Soil Stabilizing Accelerator | 20 Kg Bag |

Rock support in tunnels and mines

Rock support in tunnels

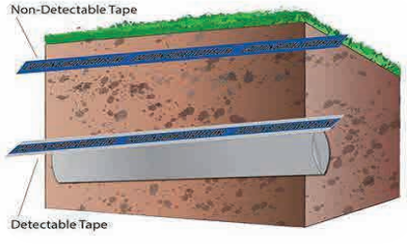


TBM Tunnel Linings

## K. Auxularies Item

| | | | |
|---|---|---|---|
| 01 | Bentonite | High montmorillonite Sodium Bentonite produced under controlled conditions | 25 Kg Bag |
| 02 | Water Stop Barrier/ Centre Piece | Formwork water stop barrier products are essential for creating waterproof barriers in concrete construction | Piece/ Nos |
| 03 | Aluminum foil tape | Underground Detectable Tape (CAUTION BURIED WAER MAINS BELOW/ ELECTRIC LINE BELOW) - Blue/ Yellow/ Red | 200 M Roll |

Bentonite

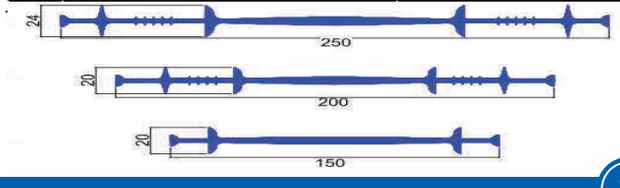


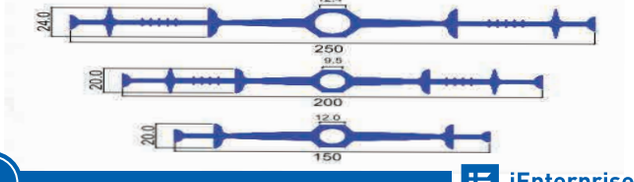

**Aluminum foil Tape**

Water Barrier

## L. Water Stop

| | | | |
|---|---|---|---|
| 01 | GreenSeal PVC Water Stop | PVC Waterstops are made using specially compounded PVC resin suitable for construction and expansion joint areas | 20 M Roll |
| 02 | Estopper Rearguard | Externally Placed PVC Waterstop | 12 & 15 M Roll |
| 03 | Estopper Hydroswell S47 | Swellable Hydrophillic Waterstop | 5 M Roll |
| 04 | Estop Rubber Waterstops | Waterstop For High Movement Joints | 15 M Roll |
| 05 | Estopper Dumbbell | Centrally Placed PVC Dumbbell Waterstop | 15 M Roll |
| 06 | Estopper CJ/EJ | Centrally Placed PVC Waterstop | 12,15 & 20 M Roll |

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## OUR BRANDS

Denka

Japan

FASTFIX®
CHEMICAL ANCHOR EXPERT
High Quality Customized Products

Taiwan

## SOME SPECIAL PROJECTS

1. Karnaphuli Water Treatment plant C1 Rangunia, Chittagong
2. Modonaghat Water Treatment Plant – Chittagong
3. Khulna Water Treatment plant – Khulna
4. Mowa Water Treatment plant – Mowa
5. Ma O Shishu Hospital – Agrabad, Chittagong
6. National Isstitute of Advance practice Nurses in Bangladesh – Dhaka
7. Power Grade Company Bangladesh Head office Building
8. Amanat Shah Spining mills Ltd – Norsingdi
9. Jatrabari – Gulistan Flyover Project – Dhaka
10. Ashuganj Power plant (Toyo Corporation Japan) BFEW, Pipeliners Ltd
11. Mag Bazar – Mowchack Flyover - Dhaka
12. Provita Fish Feed – Valuka
13. Radisson Blue – Chittagong
14. Incepta Pharmaceuticals Ltd – Saver
15. Hero Motor Crop Ltd – Jessore
16. Gazi Pipe Ltd – Borpa, Narayangonj
17. Grameen Telecom Trust – Ashulia, Saver
18. Bangladesh Technosity Ltd – Hi-tech park, Shafipur
19. Berger Paint Bangladesh Ltd- Various Project
20. Akij Ceramics – Boghabazar, Valuka
21. Impress Newtex Composite Textile Ltd – Mirzapur
22. Green Board & Fiber Mills Ltd – Bagharhat, Khulan
23. Unido Pharmaceuticals Ltd- Norsingdi.
24. Bangladesh Bridge Authority (BBA) – Uttara, Dhaka
25. Beximco Industrial Park Chakroborty, Ashulia, Saver.
26. India – Bangladesh Friendship Pipeline Panchagarh, Syedpur
27. Bengal Shoe Industries Ltd - Raypur, Lakshmipur
28. Bay Development Ltd – Hamayatpur, Saver
29. Bengal Harican – Gazipur
30. National Development Engineering Ltd (NDE) Various Project
31. Amanat Shah Fabrics Ltd – Norsingdi
32. China Bangla Ceramics Ltd (CBC) – Norsingdi
33. Build Asia (Pvt.) Ltd- Various Project

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