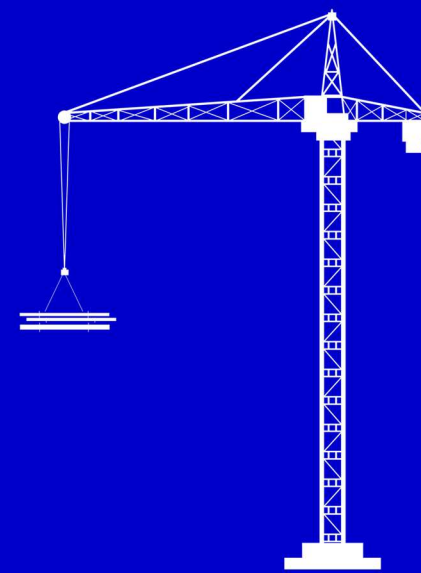


Tose'eh Shimi
NamAvaran Shomal
C o m p a n y

The logo is contained within a white-bordered rectangle. The left side of the rectangle is a black square with a white icon of a laboratory flask on a stand, surrounded by three interlocking gears. The right side of the rectangle is white with blue text. The text is arranged in three lines: the first line is 'Tose'eh Shimi', the second line is 'NamAvaran Shomal', and the third line is 'C o m p a n y' with wide letter spacing.



About Company

Tose'eh Shimi

Tose'eh Shimi NamAvaran Shomal Company has caused the welfare and satisfaction of customers due to modern equipment and chemical science with experienced, expert, and professional staff and using a specialized modern building chemistry laboratory with advanced equipment and continuous quality control and monitoring in accordance with national and international standards, production of various building chemical products with different qualities in various types, especially for civil and construction projects. In addition, sufficient knowledge of concrete infrastructures, usage of additives in order to achieve concrete's special properties, application of up-to-date and state-of-the-art technologies of the world, making resistant against earthquake and explosion, concrete corrosions under the influence of sewage and special applications have made us produce and supply chemicals for construction industry at the highest quality. Consultation in sealing and construction (civil) projects is another specialty of the company that has increased the company's ability to implement the projects of civil sealing, construction, reservoirs, bridges, dams etc. more than ever by producing all kinds of nano (new generation of waterproofing insulations) and polymer insulations and its implementation in a substantial way. The company started its production activity (operation) professionally since 2021 and currently produces and supplies domestic and international markets with 6 brands under the tradenames of: 1- Tose'eh Shimi, 2- Dorag, 3- Lisak, 4- Pluto, 5- Rhino, and 6- Vinto in three sectors of 1- Adhesives for the construction industry, 2- concrete additives, and 3- nano and polymer insulations.

Tose'eh Shimi Company Products List Construction Industry Adhesives

Powder Adhesives	2
Paste Adhesives	4
Resistant Adhesives	6
Primer	7
Waterproof Adhesives	9
(Nano-Polymer) Tuckpointing Powder	10
Concrete Additives	
Superplasticizer and Super Lubricant of Concrete	14
Microsilica Gel and Microsilica Gel Power	17
Groot	18
Construction Industry Insulators	
Two-Component Polymer Insulation	20
Façade Nano-Protective	22
Façade Polishing Wax	23
Quality Control (Building Chemistry Laboratory)	24



Construction Industry Adhesives

Construction Industry Adhesives

This product is produced based on mineral powders, cement, thickening agents, and a variety of double polymer additives in a single-component form with a standard setting time, which is ready for use only by adding water. It is produced and supplied with market in accordance with international and national standards with the highest quality level.

Attributes

Special fiber for porcelain tiles for use in swimming pools (TS.03-TS.04), very soft and strong (stable), produced out of the highest-quality raw materials from the largest mines in the country, valid sales guarantee, ISO international quality control standard holder.

Applications

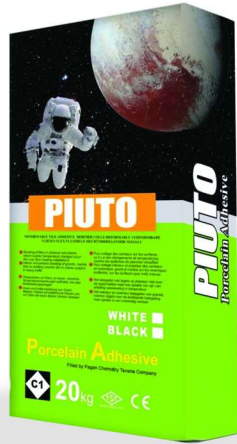
It is used for installing all types of ceramics, tiles, absorbent and non-absorbent stones and mosaics, as well as the new generation of porcelain ceramics and tiles and all types of artificial stones, ordinary, polymer, and light blocks and bricks on all types of horizontal and vertical surfaces inside and outside the building.

Packaging

This product is produced in 1, 5, 12, and 25-kg packages in four types with different qualities for different usages (TS.01-TS.02-TS.03-TS.04).



Construction Industry Adhesives



Pluto



Vinto



Lisak



Tose'eh Shimi



Tose'eh Shimi



Rhino



Dorag



Dorag 63



Dorag 2023

Paste Adhesive

Ready-to-use dispersion tile adhesive is used with high performance and adhesion based on emulsion resins and modified polymers in the form of a single-component and ready-to-use paste for installing tiles, ceramic, Brick facade and artificial stones inside the building on horizontal and vertical surfaces in the thin-bed method.

Applications

Installing all kinds of absorbent ceramics and tiles, stone, artificial stones, antique stones, possibility of installation on wall, stone, tile and ceramic, plaster, cement, and concrete surfaces, etc., and possibility of being used in the interior façade of the building. It is recommended not to be used in areas that have direct contact with water.

Packaging

This product is available in 1, 5, 12, and 25-kg packages and is produced in four types (TS.01-TS.02-TS.03-TS.04).



Construction Industry Adhesives



Pluto



Vinto



Lisak



Tose'eh Shimi



Rhino



Dorag



Dorag 63



Dorag 2023

Construction Industry Adhesives

Strong Adhesives

Strong adhesive is made of synthetic resins and reacts easily with water, cement, and concrete, which increases the bending, tensile strength, and durability of concrete. It is indeed a concentrated liquid in milky color that is used as an additive in cement-based mortars and as a binder, and the most important feature of this product is to increase the strength and adhesion. This product can be mixed with all kinds of powder adhesives and is very useful in cases where it is necessary to strengthen the adhesive strength of tiles or slabs.

Packaging

This product is produced in 1, 4, 8, and 20-liter packages in four types (TS.01-TS.02-TS.03-TS.04).



Construction Industry Adhesives

Primer

Primer or lining is a typical preliminary coating that is used before tiling or insulating the building so that the applied material adheres better to the surface and is very effective (influential) on its durability and coating. This product can be an excellent and powerful coating for damp and humidity as well as increased connection power between the bottom surface and applied materials. In fact, the primer acts mostly like an adhesive (glue) and its main role is the interface between the coating and the surface, which causes the two stick better to each other. This product is made of various resins and chemical solvents and polymer additives.

Packaging

This product is produced in 1, 4, 8 and 20-liter packages in four types (TS.01-TS.02-TS.03-TS.04).



Construction Industry Adhesives



Construction Industry Adhesives

Waterproof Adhesive (Glue)

This product is made based on acrylic resins and using nanotechnology, it has the capability to be mixed in any type of grout easily, and creates a strong bond with the structure after implementation. It can be mixed with cement, concrete, and all kinds of powder adhesives and causes an increase in resistance against any water or moisture penetration in negative and positive pressure.

Packaging

This product is produced in 1, 4, 8, and 20-liter packages in four types (TS.01-TS.02-TS.03-TS.04).



Construction Industry Adhesives

Tuckpointing Powder (Polymeric-Nano)

Nano-polymer materials are the main material used in production of tuckpointing powders. The term nano in this type of powder refers to their very small (fine) size. Polymer materials form a good combination with Portland cement. The small (fine) size of these Tuckpointing powders allows them to fit well in the space between tiles and any other materials and yield a very strong and impenetrable structure.

Specification (Property)

Preventing the penetration of moisture into the layers below, high capability to be implemented and easy implementation without shrinkage, strength between building materials and preventing them from falling, resistance to cracking and preventing the desired surface from breaking, creating a waterproof and acid-proof layer for the purpose of increasing their resistance to humidity, creating an antibacterial property to prevent the growth of fungi in the bathroom and toilet.

Packaging

This product is produced in 1, 4, 5, 10 and 20-kg packages in normal, polymer, and nano types in four types (TS.02-TS.03-TS.04).



Construction Industry Adhesives







Concrete Additives

Concrete Super-Lubricant and Superplasticizer

Super-lubricating and water-reducing concrete additive are produced in two types based on carboxylate and naphthalene. This product is very proficient and unique. The important feature of the product is the strong water-reducing power during mixing in accordance with the specified instructions. It improves the dispersion of cement particles and also prevents the reduction of the concrete pressure strength and even is very influential in the increase in its strength. The use of super-lubricant or plasticizers of concrete should in accordance with requirements of making special concretes (self-leveling and self-compacting) and concretes whose regulations require minimizing the amount of water to the cement or in special conditions where slump loss or other lubricants cannot be compensated. Due to their chemical basis, these products will not have any adverse effect on the setting time and other properties of concrete. Carboxylate plasticizers have a higher strength compared to other super-lubricants and other additives similar to themselves. That's why their consumption is much less than other super-lubricants.

Properties and Effects

Increasing the slump and lubricity of the concrete, possibility of reducing the water-cement ratio between 30-40%, creating more fluidity in concrete before the initial setting, possibility of making concrete with a water-cement ratio of 0.3-1 liter, possibility of producing self-compacting concrete without the need for vibration, increased cohesion and density of concrete, reduction of depreciation of concrete pump during concreting, compatible with all types of Portland and SRC cements, possibility of producing beautiful or exposed concrete, possibility of simultaneous use with gel or microsilica powders or other pozzolanic materials, increasing the compressive strength of concrete, and preventing the formation of cold joint phenomenon in the concrete.

Packaging

This product is produced in two types (TS.01-TS.02) as a super-lubricant and (TS.03) type as a plasticizer and packed in 20-liter gallons.



Concrete Additives



Concrete Additives



Micro-Silica Gel and Micro-Silica Power Gel



Carboxylate-based and naphthalene-based microsilica gels are produced in two types of gel and power gel. This product is a typical additive that includes powdered microsilica with specific granularities (meshes), as well as high-quality chemical and polymer additives that have a great impact on the compressive strength of concrete and its sealing. Microsilica power gel type is much more powerful and will perform better when mixed with high-assay concreting. Microsilica gel is a powerful and advanced product among the concrete additive products, which is very important in concreting pools, foundations, bridges, dam-making, as well as concreting building roofs. This material, which is mainly based on polycarboxylate or naphthalene sulfate and silica grime, is formulated and produced as the main elements and other supplements such as special chemical and mineral fillers and waterproofing materials (sealing agents) as well as polypropylene fibers. Microsilica power gel has a lower consumption than microsilica gel.

Properties and Impacts

Reducing the ratio of water to cement between 15-25%, increasing the operation time of concrete in the pasty state, preventing water loss and separation of concrete aggregates, increasing the compressive, tensile, and bending resistance of concrete, increasing the durability and reliability of concrete in freezing and melting cycles, reducing permeability against water, chlorine ion, and sulfate invasion, making completely-pasty concrete and creating a fully-exposed surface, increasing the concrete fluidity without the need to add super-lubricant again, preventing the occurrence of cracks in concrete, the product being cost-effective due to the low consumption dosage, compensating for the shortage of filler and important fine particles to create a better paste tissue, ease of pumping concrete and reducing the depreciation of concreting equipment, reducing the damages caused by not curing the concrete in the early hours, and compatibility with all types of Portland cements.

Packaging

This product is produced in two types (TS.01-TS.02) as microsilica gel and type (TS.03) as microsilica power gel and packed in 25-kg buckets.



Concrete Additives

Grout

Grout has many applications in the construction industry. Grout is used under pillars, installation and commissioning of machinery rail, sheds' floor, bridges' bearing, barriers, etc., in construction projects so that the structure, which is built on, has more resistance. This product is produced in four types of cement grout, polymer grout, epoxy grout, and expanding grout. Cement grout is one of the most widely-used materials in construction and has more resistance than concrete. This mortar has high resistance and stability and doesn't harden. This type of product can be used to fill the empty spaces, cracks, steel infrastructure (substructure), implementation of the foundation of heavy machinery. Cement grout consists of all necessary additives and materials required for cement and aggregate and does not require any other materials except water. This type of grout has a controlled increase in volume that compensates for shrinkage and settling in the materials by creating a gas expansion system in the fresh concrete stage.

Applications

This product is prepared in the form of single-component mortar, which can be used only by adding water to the necessary fluidity.

Packaging

The packaging of this product is in the form of very resistant composite sacks with a weight of 25 kg and it is produced in one type (TS.02).



Concrete Additives



Construction Industry Insulators

Two-Component Polymer Insulators

Two-component polymer insulation is a special product that is a new generation of waterproofing insulators in the construction industry, which is used for waterproofing various surfaces, including the exterior façade, floor of balcony, swimming pool, sauna, jacuzzi, rooftop and each of the building elements that is exposed to moisture and rainfall. In addition, it can be used for restrooms instead of asphalt felt (using bitumen) or bituminous waterproofing. It is also used to seal the elevator pit because it can withstand the negative water pressure. This product can be a very suitable substitute for bituminous waterproofing due to being homogeneous with all types of building materials and a long shelf-life.

Attributes

High resistance to freezing, easy and seamless implementation, breathability, high adhesive properties, high flexibility, resistant to alkaline and sulfate environments, available in different colors, applicable in all indoor and outdoor spaces, capability to be implemented for tiling or stonework on the product.

Packaging

This product is produced in 8-liter bucket packaging (liquid component) and 20-kg bag packaging (solid component) in total 28 kg in 2 types (TS.02-TS.03).



Construction Industry Insulators



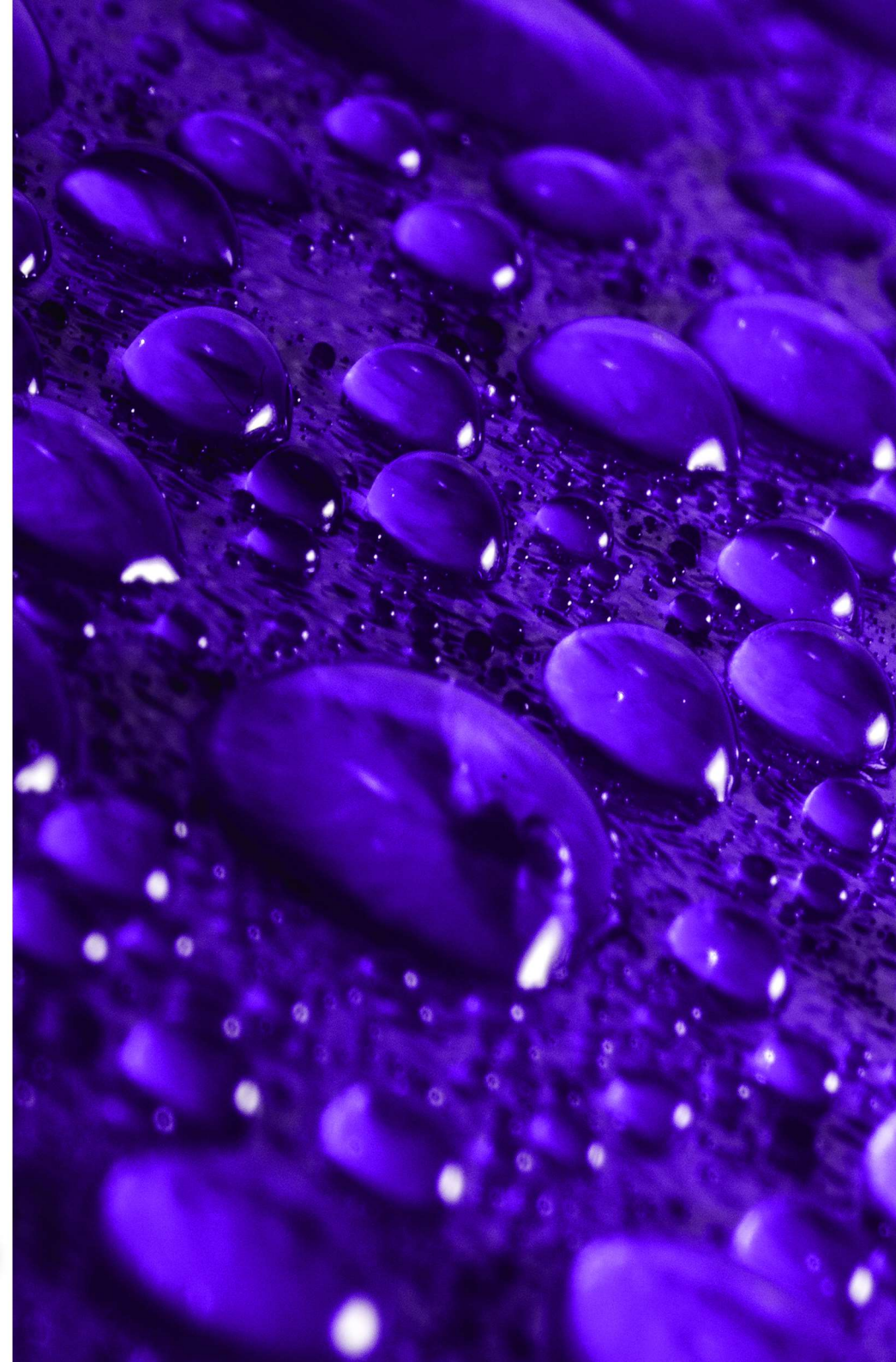
Construction Industry Insulators

Façade Nano-Protective

Façade nano-insulation is a solution based on silane-siloxane. It contains nano-silicon with a low concentration and is a suitable alternative to resins and prevents water penetration into the depth of the materials. It leads to an increase in the droplet angle (more than 150 degrees) with surface by creating hydrophobic properties and causes the spherical drops of water or rain to roll and wash away the pollutions from the surface. In addition to façade-building, this nano-insulation can be used to make tuckpointing mortar and waterproof the tuckpointing in environments exposed to high humidity, such as restrooms, saunas, jacuzzi, and swimming pools, which can be implemented only by a roller or a (shaving)brush in a single-component form.

Packaging

This product is produced in 1, 4, 20-liter packages in type (TS.02).





Construction Industry Insulators

Façade Polishing Wax

After application and drying, this product gets semi-hard and glossy. It is used to protect and waterproof surfaces of cement, brick, artificial (synthetic) and natural stones, and other minerals. High resistance to sunlight and atmospheric factors increases the shelf-life of the surfaces covered with this product and prevents premature destruction of the structure.

Specifications

Making all types of cement surfaces, especially plaster and brick surfaces hydrophobic, creating self-cleaning properties on building façades, making the surface of all types of stones, ceramics, bricks, etc., resistant to superficial whiteness, making the building façades

and tuckpointings of ceramic and tile hydrophobic, making the concrete, brick, and stone surfaces dust-proof, prevention of the growth of fungus, moss, and lichen on the surface.



Packaging

This product is produced in packages of 1, 4 and 20-liter packages in one type (TS.02).

Building Chemistry Laboratory

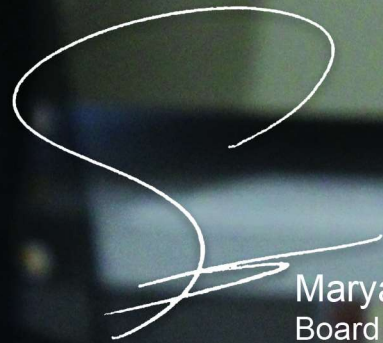
The first and only specialized building chemistry laboratory in Mazandaran Province with advanced equipment in accordance with national and international standards exist in this company. The quality of all raw materials and produced products are controlled in the laboratory continuously by experienced and professional staff. One of the important requirements for the product development and the production line industrialization is to know the purity of raw materials, chemicals, and mineral. Measuring the concentration of impurities as well as the concentration of key elements in the ingredients of the materials can solve many production problems and produce an advanced product.

Quality control is a system to achieve a desired level of product quality or a production process and its maintenance with detailed planning, using appropriate machinery, and continuous inspection, which is carried out in the Building Chemistry Specialized Laboratory of **Tose'eh Shimi Company**.





*Your building soundness (health)
Is your family security*



Maryam Naderi
Board Chairperson



Salman Shakeri
Managing Director



Factory Address: Tose'eh Shimi Company, next to the CNG Station,
km 4 of Sari Highway, Qaemshahr County, Mazandaran Province, Iran.

Postal Code: 4769320185

Contact Number: +989330290901

 @TOSEEH.SHIMI

WWW.TOSEESHIMI.COM 

Registration Number: 6957
License Number: 302440814973