



DUMAN

Next in Chemistry

CONSTRUCTION CHEMICALS PRODUCT CATALOGUE

2023 Edition



ABOUT US

Next in Chemistry

DUMAN is an international trade company which deals with export and import with its contractual global and local suppliers for especially Chemical Raw Materials in general. Our company has primarily focused on export of Paint and Coatings raw materials and Construction Chemicals on which it has many years experiences. Later on, as demand from the market and new opportunities emerged, we started exporting and importing some other products such as Machinery Manufacturing, Packaging, Polymers for Plastic and Detergents and Cosmetics.

DUMAN has its own brands and is getting its various Paint and Coatings raw materials manufactured as private label and exports to abroad.

We can keep the pulse of the market as a result of our strong business cooperation with reputable local and overseas companies and we are able to supply the best quality products and services at affordable prices.

At present, we export more than 15 countries in North and South America, Europe, MENA and APAC Territories. In the near future, our company aims to extend our business in current markets and also create new markets in other territories.

An Innovative Approach to Chemical Solutions with Global Perspective

Every day, we strive to enhance international commerce through the physical movement and marketing of Paint and Coatings Raw Materials, Construction Chemicals, Plastics, Packaging and Machinery & Equipment. We are committed to providing our clients and suppliers with streamlined services, so they can focus on their core business and we develop ourselves accordingly day by day.

We meet the exclusively demands of our customers add value to our suppliers through providing superior logistics, risk management, financing, and market intelligence services. We originate and market products globally, meeting specific location, quality, timing and volume requirements. We also provide a versatile range of price risk management and contracting alternatives to our clients.

OUR EXPORT COUNTRIES

North America

- United States
- Dominican Republic
- Costa Rica
- Guatemala
- El Salvador

South America

- Trinidad and Tobago

Europe

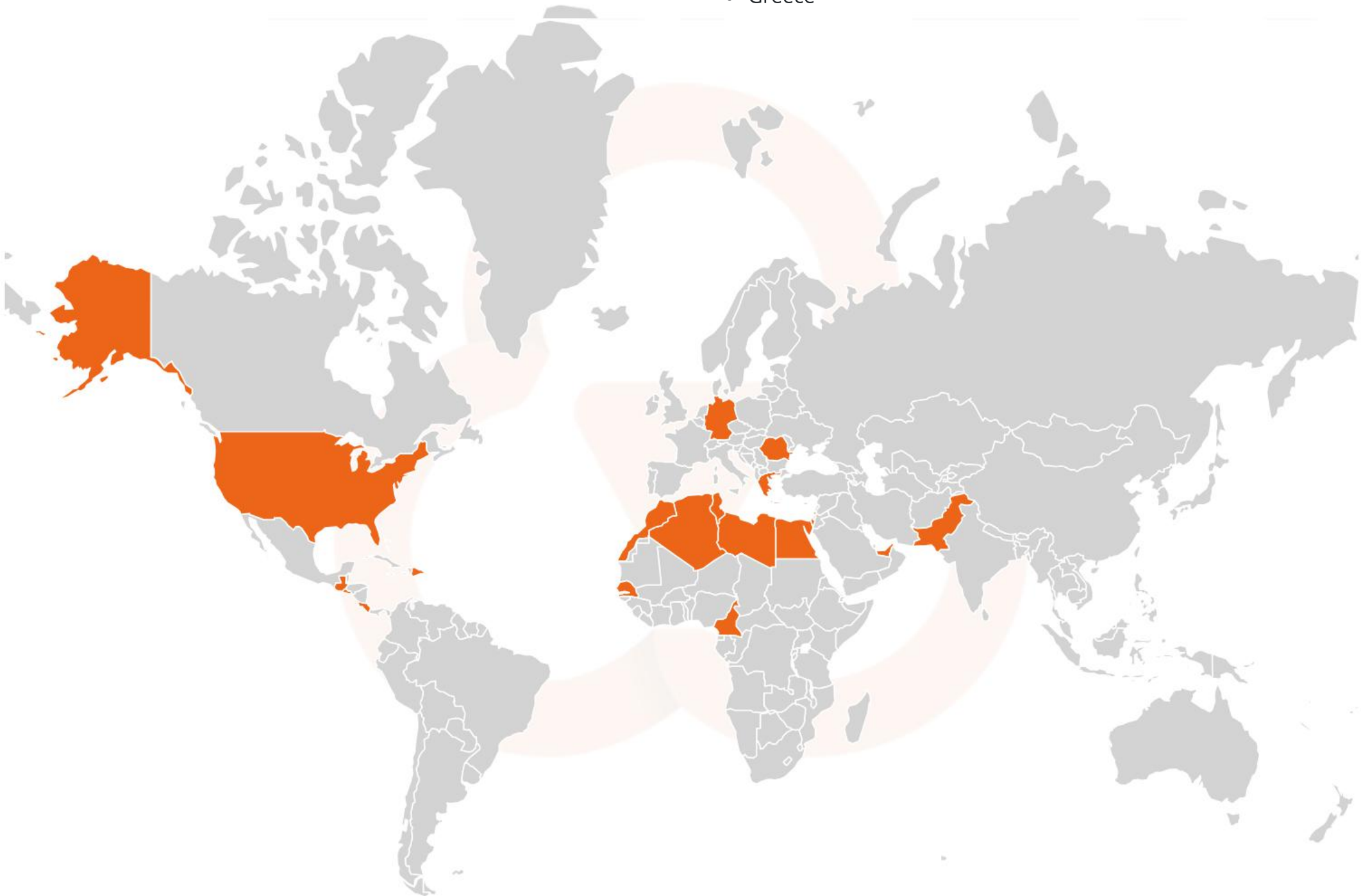
- Romania
- Germany
- Greece

Asia

- Pakistan

Africa

- Morocco
- Algeria
- Tunisia
- Egypt
- United Arab Emirates
- Israel
- Libya
- Cameroon
- Senegal



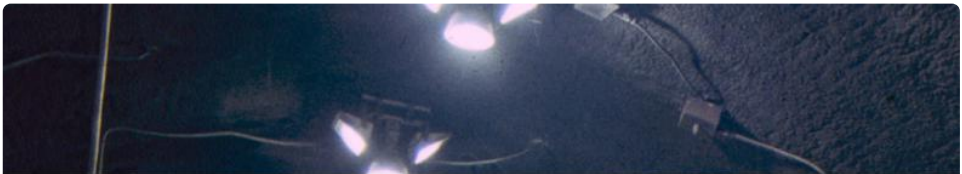
PRODUCT GROUPS



DUMAN
CONCRETE ADMIXTURES



DUMAN GUARD	DUMAN EXTRA
DUMAN AIREN	DUMAN SUPER
DUMAN CURON	DUMAN HYPER
DUMAN SEPAR	DUMAN REDOS
DUMAN SPMOR	DUMAN SETACE
	DUMAN RETAR



DUMAN
UNDERGROUND ADMIXTURES



DUMAN SHOT
DUMAN FOAM



DUMAN
CEMENT ADMIXTURES



DUMAN GRIND



DUMAN

CONCRETE ADMIXTURES

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN EXTRA 100	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN EXTRA 101	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN EXTRA 102	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN EXTRA 103	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN EXTRA 105	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN EXTRA 110	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN EXTRA 115	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN EXTRA 119	Medium Water Reducer	Water-reducing plasticizer concrete admixture consisting of modified sulfonate compounds, improving the workability of fresh concrete.	Plasticizer concrete additive provides workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN SUPER 200	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 225	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 260	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 300	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 324	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 330	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 340	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 360	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN SUPER 372	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN SUPER 374	Super Water Reducer	Highly water-reducing, strength-enhancing, super plasticizer concrete chemical admixture consisting of specially selected modified sulfonate raw materials.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN HYPER 600	Hyper Water Reducer	Polycarboxylate-based, highly water-reducing super plasticizer concrete admixture that increases all strengths by reducing the mixing water of the concrete and improves the workability time of fresh concrete considerably.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN HYPER 614	Hyper Water Reducer	Polycarboxylate-based, highly water-reducing super plasticizer concrete admixture that increases all strengths by reducing the mixing water of the concrete and improves the workability time of fresh concrete considerably.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN HYPER 644	Hyper Water Reducer	Polycarboxylate-based, highly water-reducing super plasticizer concrete admixture that increases all strengths by reducing the mixing water of the concrete and improves the workability time of fresh concrete considerably.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN HYPER 707	Hyper Water Reducer	Polycarboxylate-based, highly water-reducing super plasticizer concrete admixture that increases all strengths by reducing the mixing water of the concrete and improves the workability time of fresh concrete considerably.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN HYPER 730	Hyper Water Reducer	Polycarboxylate-based, highly water-reducing super plasticizer concrete admixture that increases all strengths by reducing the mixing water of the concrete and improves the workability time of fresh concrete considerably.	Super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it enables the fresh concrete mixture to be transported over long distances.				
DUMAN HYPER 900	Hyper Water Reducer	Specially designed modified polymer based, new generation high water reducing super plasticizer concrete admixture.	Provides high workability without causing segregation in fresh concrete. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it ensures that the fresh concrete mixture can be transported and pumped over long distances.				
DUMAN HYPER 999	Hyper Water Reducer	Polycarboxylate-based, highly water-reducing super plasticizer concrete admixture that increases all strengths by reducing the mixing water of the concrete and improves the workability time of fresh concrete considerably.	Provides high workability without causing segregation in fresh concrete. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions. It does not contain chloride ions. It does not cause reinforcement corrosion. It gives consistency to fresh concrete for a long time. In this way, it ensures that the fresh concrete mixture can be transported and pumped over long distances.				
DUMAN HYPER P 50	Hyper Water Reducer	Polycarboxylate based, highly water reducing super plasticizer concrete admixture developed for prefabricated applications where the time between concrete production and placing in the mold is short.	The new generation super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows concrete mix designs with low water/cement ratios to be made with low utilization rate. It also provides high early strength to hardened concrete, allowing early mold removal. In this way, it provides a significant reduction in construction construction time. With these features, DUMAN HYPER P 50 is also a suitable additive for precast concrete. It does not contain chloride ions. It does not cause reinforcement corrosion. Increases frost resistance of hardened concrete. It increases the impermeability of concrete.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN HYPER P 55	Hyper Water Reducer	Polycarboxylate based, highly water reducing super plasticizer concrete admixture developed for prefabricated applications where the time between concrete production and placing in the mold is short.	The new generation super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows concrete mix designs with low water/cement ratios to be made with low utilization rate. It also provides high early strength to hardened concrete, allowing early mold removal. In this way, it provides a significant reduction in construction construction time. With these features, DUMAN HYPER P 50 is also a suitable additive for precast concrete. It does not contain chloride ions. It does not cause reinforcement corrosion. Increases frost resistance of hardened concrete. It increases the impermeability of concrete.				
DUMAN HYPER P 62	Hyper Water Reducer	Polycarboxylate based, highly water reducing super plasticizer concrete admixture developed for prefabricated applications where the time between concrete production and placing in the mold is short.	The new generation super plasticizer concrete additive provides high workability to fresh concrete without causing segregation. It allows concrete mix designs with low water/cement ratios to be made with low utilization rate. It also provides high early strength to hardened concrete, allowing early mold removal. In this way, it provides a significant reduction in construction construction time. With these features, DUMAN HYPER P 50 is also a suitable additive for precast concrete. It does not contain chloride ions. It does not cause reinforcement corrosion. Increases frost resistance of hardened concrete. It increases the impermeability of concrete.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN REDOS 500	Redosing Admixture	An ideal thickener concrete additive for concretes that cannot provide the desired consistency value under construction site conditions and/or lost their consistency during the pouring time of fresh concrete.	Increases workability without causing segregation in fresh concrete. At the construction site, it increases the consistency of the concrete by an average of 6-8 cm according to the usage rate. If the usage rates are followed, it does not cause a delay in setting in the concrete. Since it is used instead of water in order to increase the consistency in construction site conditions, it does not change the water-cement ratio of the fresh concrete, thus it does not adversely affect the hardened concrete properties. It helps the concrete to be pumped more easily and quickly. It does not contain chloride ions. It does not cause reinforcement corrosion.				
DUMAN REDOS 600	Redosing Admixture	An ideal thickener concrete additive for concretes that cannot provide the desired consistency value under construction site conditions and/or lost their consistency during the pouring time of fresh concrete.	Increases workability without causing segregation in fresh concrete. At the construction site, it increases the consistency of the concrete by an average of 6-8 cm according to the usage rate. If the usage rates are followed, it does not cause a delay in setting in the concrete. Since it is used instead of water in order to increase the consistency in construction site conditions, it does not change the water-cement ratio of the fresh concrete, thus it does not adversely affect the hardened concrete properties. It helps the concrete to be pumped more easily and quickly. It does not contain chloride ions. It does not cause reinforcement corrosion.				
DUMAN REDOS 800	Redosing Admixture	An ideal thickener concrete additive for concretes that cannot provide the desired consistency value under construction site conditions and/or lost their consistency during the pouring time of fresh concrete.	Increases workability without causing segregation in fresh concrete. At the construction site, it increases the consistency of the concrete by an average of 6-8 cm according to the usage rate. If the usage rates are followed, it does not cause a delay in setting in the concrete. Since it is used instead of water in order to increase the consistency in construction site conditions, it does not change the water-cement ratio of the fresh concrete, thus it does not adversely affect the hardened concrete properties. It helps the concrete to be pumped more easily and quickly. It does not contain chloride ions. It does not cause reinforcement corrosion.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN SETACE 100	Set Accelerator	Concrete admixture with antifreeze feature, which consists of chemical compounds that do not contain chloride and shortens the setting and hardening times of fresh concrete.	Increases the hydration temperature of the concrete and enables it to set early. It helps to protect concrete from freezing by lowering the freezing point of concrete water. It does not contain chloride ions. It does not cause reinforcement corrosion. It increases the early strength of concrete.				
DUMAN SETACE 200	Set Accelerator	Concrete admixture with antifreeze feature, which consists of chemical compounds that do not contain chloride and shortens the setting and hardening times of fresh concrete.	Increases the hydration temperature of the concrete and enables it to set early. It helps to protect concrete from freezing by lowering the freezing point of concrete water. It does not contain chloride ions. It does not cause reinforcement corrosion. It increases the early strength of concrete.				
DUMAN SETACE 300	Set Accelerator	Concrete admixture with antifreeze feature, which consists of chemical compounds that do not contain chloride and shortens the setting and hardening times of fresh concrete.	Increases the hydration temperature of the concrete and enables it to set early. It helps to protect concrete from freezing by lowering the freezing point of concrete water. It does not contain chloride ions. It does not cause reinforcement corrosion. It increases the early strength of concrete.				
DUMAN SETACE 400	Set Accelerator	Concrete admixture with antifreeze feature, which consists of chemical compounds that do not contain chloride and shortens the setting and hardening times of fresh concrete.	Increases the hydration temperature of the concrete and enables it to set early. It helps to protect concrete from freezing by lowering the freezing point of concrete water. It does not contain chloride ions. It does not cause reinforcement corrosion. It increases the early strength of concrete.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN RETAR 100	Set Retarder	Concrete additive that delays the setting time of fresh concrete, prolongs the workability of concrete under all kinds of environmental impacts, especially hot weather conditions, allows fresh concrete to be transported to longer distances, and adjusts the expected setting time according to the usage rate.	Allows the concrete to be transported to longer distances in workable consistency by extending the setting times without reducing the final strength. It reduces the hydration temperature and enables the concrete to set in a controlled manner. It provides sufficient time for concrete placing and finishing. Thanks to its fluidity feature, it allows the concrete to settle better. It does not contain chloride ions. It does not cause reinforcement corrosion.				
DUMAN RETAR 200	Set Retarder	Concrete additive that delays the setting time of fresh concrete, prolongs the workability of concrete under all kinds of environmental impacts, especially hot weather conditions, allows fresh concrete to be transported to longer distances, and adjusts the expected setting time according to the usage rate.	Allows the concrete to be transported to longer distances in workable consistency by extending the setting times without reducing the final strength. It reduces the hydration temperature and enables the concrete to set in a controlled manner. It provides sufficient time for concrete placing and finishing. Thanks to its fluidity feature, it allows the concrete to settle better. It does not contain chloride ions. It does not cause reinforcement corrosion.				
DUMAN RETAR 300	Set Retarder	Concrete additive that delays the setting time of fresh concrete, prolongs the workability of concrete under all kinds of environmental impacts, especially hot weather conditions, allows fresh concrete to be transported to longer distances, and adjusts the expected setting time according to the usage rate.	Allows the concrete to be transported to longer distances in workable consistency by extending the setting times without reducing the final strength. It reduces the hydration temperature and enables the concrete to set in a controlled manner. It provides sufficient time for concrete placing and finishing. Thanks to its fluidity feature, it allows the concrete to settle better. It does not contain chloride ions. It does not cause reinforcement corrosion.				
DUMAN RETAR 400	Set Retarder	Concrete additive that delays the setting time of fresh concrete, prolongs the workability of concrete under all kinds of environmental impacts, especially hot weather conditions, allows fresh concrete to be transported to longer distances, and adjusts the expected setting time according to the usage rate.	Allows the concrete to be transported to longer distances in workable consistency by extending the setting times without reducing the final strength. It reduces the hydration temperature and enables the concrete to set in a controlled manner. It provides sufficient time for concrete placing and finishing. Thanks to its fluidity feature, it allows the concrete to settle better. It does not contain chloride ions. It does not cause reinforcement corrosion.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN GUARD 2000	Water Impermeability Admixture	Chemical additive that helps to increase the impermeability of concrete by filling the capillary spaces without changing the water/cement ratio in the concrete mixture through various chemicals in it.	Resistance to aggressive chemicals increases in concrete. It increases the freeze-thaw resistance of concrete. It does not contain chloride ions. The waterproofing effect on concrete is permanent and structural. It is resistant to water pressure from positive and negative directions. It ensures that the concrete surfaces are void and smooth.				
DUMAN GUARD 2001	Water Impermeability Admixture	Concrete additive that provides structural water impermeability by filling the pores and capillary spaces in the concrete with the hydrophobic chemicals in its structure.	Resistance to aggressive chemicals increases in concrete. It increases the resistance of concrete against sulfate. It increases the freeze-thaw resistance of concrete. It does not contain chloride ions. It does not cause reinforcement corrosion. The waterproofing effect on concrete is permanent and structural. It is resistant to water pressure from positive and negative directions. It fills the cracks and capillary gaps that may occur later in the concrete (max. 400 micron). Positive effect of concrete on early and final strength has.				
DUMAN GUARD 2002	Water Impermeability Admixture	Concrete additive that provides structural water impermeability by filling the pores and capillary spaces in the concrete with the hydrophobic chemicals in its structure.	Resistance to aggressive chemicals increases in concrete. It increases the resistance of concrete against sulfate. It increases the freeze-thaw resistance of concrete. It does not contain chloride ions. It does not cause reinforcement corrosion. The waterproofing effect on concrete is permanent and structural. It is resistant to water pressure from positive and negative directions. It fills the cracks and capillary gaps that may occur later in the concrete (max. 400 micron). Positive effect of concrete on early and final strength has.				

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DUMAN AIREN N	Air Entrainer	Ready-to-use, air-entraining concrete admixture that entrains air in the right dimensions and evenly distributed into the concrete thanks to its special air-entraining components.	Increases the resistance of concrete against freezing and thawing by entraining air in fresh concrete. It increases the workability of fresh concrete and provides convenience in pumping. It prevents separation, increases cohesion. It reduces the amount of mixing water without loss of workability. It does not contain chloride ions. It does not cause reinforcement corrosion. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions.				
DUMAN AIREN C	Air Entrainer (Concentrated)	Ready-to-use, concentrated air-entraining concrete admixture that entrains the right dimensions and evenly dispersed air into the concrete thanks to its special air-entraining components.	Increases the resistance of concrete against freezing and thawing by entraining air in fresh concrete. It increases the workability of fresh concrete and provides convenience in pumping. It prevents separation, increases cohesion. It reduces the amount of mixing water without loss of workability. It does not contain chloride ions. It does not cause reinforcement corrosion. It allows the creation of concrete mix designs with low water/cement ratios. Increases the durability of hardened concrete against environmental impact conditions.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN CURON A 1001	Acrylic Resin Based Concrete Curing Agent	Acrylic resin-based, evaporation-reducing curing material that is applied on freshly poured concrete, provides strength development by keeping the water within the concrete with the film layer it forms, reduces shrinkage by preventing rapid drying.	Reduces shrinkage cracks caused by rapid drying on the surface. It provides a harder and less dusty surface. It is applied in order to obtain more gloss on the mastered surfaces in field, road and flooring concretes. It is not flammable and has ease of use. It provides a more effective and economical solution than curing methods such as irrigation on burlap and wire cloth or sprinkling directly on the concrete surface. It is resistant to UV rays and reduces the risk of water loss in fresh concrete by reflecting the sun's rays. It is especially used in field concretes.				
DUMAN CURON A 1002	Acrylic Resin Based Concrete Curing Agent	Solvent-based, acrylic resin-based, transparent curing material. It is used to cure the concrete after fresh concrete and concrete surface hardener applications and to prevent dusting by obtaining an insulated layer on the concrete. When desired, it is applied on old concrete to increase the performance of the concrete surface and prevent dusting. A glossy appearance is obtained on the surface.	Reduces the shrinkage cracks on the surface caused by fast drying. It provides a harder and less dusty surface. It is not flammable and has ease of use. It is resistant to UV rays and reduces the risk of water loss in fresh concrete by reflecting the sun's rays. It is especially used in field concretes.				
DUMAN CURON P 1003	Paraffin Based Concrete Curing Agent	Evaporation-reducing curing material, which is paraffinbased, applied on freshly poured concrete, provides strength development by keeping the water in its body with the film layer it forms, and reduces shrinkage by preventing rapid drying.	Reduces the shrinkage cracks on the surface caused by fast drying. It provides a harder and less dusty surface. It is applied to obtain higher gloss on the mastered surface in field, road and flooring concretes. It is not flammable and has ease of use. It provides a more effective and economical solution than curing methods such as irrigation on burlap and wire cloth or sprinkling directly on the concrete surface. It is resistant to UV rays and reduces the risk of water loss in fresh concrete by reflecting the sun's rays. It is especially used in field concretes.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN SEPAR N 1010	Mold Release Agent	Mold oil developed to easily separate the concrete and mold surfaces from each other after the concrete is poured, and to obtain smooth surfaced concrete.	Provides smooth surfaced concrete. It provides easy separation of the mold from the concrete and facilitates the cleaning of the mold. It extends the life of the mold. It does not cause any change in concrete surface color. It reduces mold cost and labor.				
DUMAN SEPAR W 1020	Water Based Diluted Mold Release Agent	Water-based, emulsion form release agent developed to easily separate the concrete and mold surfaces from each other after the concrete has been poured, and to obtain smooth-surfaced concrete.	Provides smooth surfaced concrete. It provides easy separation of the mold from the concrete and facilitates the cleaning of the mold. It extends the life of the mold. It does not cause any change in concrete surface color. It reduces mold cost and labor.				
DUMAN SEPAR C 1030	Concentrated Mold Release Agent	Concentrated mold release agent used by mixing with water, developed to easily separate the concrete and mold surfaces from each other after the concrete has been poured, and to obtain a smooth surfaced concrete.	Provides smooth surfaced concrete. It provides easy separation of the mold from the concrete and facilitates the cleaning of the mold. It extends the life of the mold. It does not cause any change in concrete surface color. It reduces mold cost and labor.				
DUMAN SEPAR E 1040	Ecological Mold Release Agent	Eco-friendly, mineral oil-free, ready-to-use, ecological mold release agent developed for the easy separation of concrete and mold surfaces after concrete pouring, and for obtaining smooth-surfaced concrete.	Provides smooth surfaced concrete. It provides easy separation of the mold from the concrete and facilitates the cleaning of the mold. It extends the life of the mold. It does not cause any change in concrete surface color. It reduces mold cost and labor. It is harmless to the environment. It is odorless and does not contain mineral oil.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN SPEMOR 10	Adherence Increaser Mortar Admixture	Synthetic rubber-acrylic polymer based mortar additive used for cement-based plaster and repair mortars, which increases the chemical resistance and strength of the mortars, provides impermeability and creates a strong and permanent bond by providing high adherence to the applied surface.	The mechanical strength of the mortars made by using DUMAN SPEMOR 10 such as pressure, bending, impact and abrasion increases. It creates a strong and lasting bond. Increases resistance to freeze-thaw. It provides adherence of the mortar to many surfaces such as concrete, glass, metal, wood, foam. It increases the resistance of the structure to which it is applied against chemicals. It is a bonding agent between layers in shotcrete, adherence and adhesion enhancer, and an insulator. It does not contain chloride ions. It does not cause reinforcement corrosion.				



DUMAN

UNDERGROUND ADMIXTURES

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN ONESHOT X	Set Accelerators for Sprayed Concrete	Liquid set accelerator concrete admixture for wet system shotcrete production.	Provides high early strength. Low rebound. It facilitates overhead applications by increasing the adhesion between shotcrete and rock and concrete. Does not contain chlorine.				
DUMAN ONESHOT S	Set Accelerators for Sprayed Concrete	Alkali-free high performance shotcrete liquid set accelerator for wet system shotcrete production.	Provides high early strength. Provides lower rebound (rebound) application when correct nozzle angle and distance are provided. It facilitates overhead applications by increasing the adhesion between shotcrete and rock and concrete. It provides a safe working environment, minimizing environmental impacts and reducing operating costs. Does not contain chlorine.				
DUMAN DRYSHOT P	Set Accelerators for Sprayed Concrete	Alkali-free powder admixture used to accelerate the setting time of the mortar in dry shotcrete applications.	Can be applied on damp surfaces. It accelerates the setting time of the mortar. It imparts high early strength to the mortar. It does not segregate in the mortar. It does not contain any substance that will cause corrosion in the concrete. Does not contain chlorine.				
DUMAN ONESHOT M	Set Accelerators for Sprayed Concrete	Liquid set accelerator concrete admixture for wet system shotcrete production.	Provides high early strength. Low bounce. It facilitates overhead applications by increasing the adhesion between shotcrete and rock and concrete. Does not contain chlorine.				

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN FOAM PL	Soil Conditioner and Polymers for TBM	Soil polymer reinforced conditioning foaming agent for Tunnel Boring Machines (TBM).	Improves ground behavior. It provides easy transport of the material. Low floor permeability and reduces leakage in the mirror. It provides uniform and controlled ground pressure and mirror stability. The cutter head provides lower internal friction of the floor on the auger and conveyor belt and reduces abrasion. It provides energy consumption with easier transportation. It ensures that the soil is excavated more easily and the wear costs are reduced. It allows to reduce the stickiness that causes blocking problem on some types of floors.				
DUMAN FOAM CL	Soil Conditioner and Polymers for TBM	Clay separating soil conditioner polymer-containing foaming agent for Earth Pressure Balance Tunnel Boring Machines (EPB TBM).	It reduces clogging and sticking problems in the cutter head. It creates a plastic consistency ground that can be easily excavated and transported. It prevents the blocking and agglomeration problem of clay particles. It reduces the torque on the cutter head. Increases excavation speed of TBM.				
DUMAN FOAM HR	Soil Conditioner and Polymers for TBM	Foaming agent used to reduce wear on hard rock floors and hard rock tunnel boring machines.	It provides less wear on the inserts (discs), transport belt, reducing the internal friction of the ground. It creates a plastic consistency ground that can be easily excavated and transported. It reduces the torque on the cutter head. Increases excavation speed of TBM.				



DUMAN

CEMENT ADMIXTURES

Product Code	Product Type	Description	Features	Concrete	Mortars	Tunnel Boring Machines	Cement
DUMAN GRIND PA	Grinding Aid Admixture	Designed as an initial and final strength enhancer and grinding facilitator for cement additives and cement industry.	In addition to conventional grinding aids, it also has a positive effect on mill efficiency and cement flow. It also helps to increase the initial and strength of the cement.				
DUMAN GRIND GA	Grinding Aid Admixture	Designed as a grinding aid for cement additives and cement industry.	In addition to conventional grinding aids, it also has a positive effect on mill efficiency and cement flow.				

SUSTAINABILITY

We aim for our activities to contribute to a more just, equal, and inclusive society, where we continuously improve our environmental impact on the journey to a net zero, circular economy.

Duman aims to achieve the highest possible standards of sustainability through its operational activities and outreach to the broader community. To reach this objective, Duman will continue to assess and improve the environmental impact of its operations, as well as its supply chain, social and employment practices. Duman will maintain a Sustainability Task Force to address these matters.

Duman recognize our responsibility not just to create economic value, but also to promote a more inclusive economy, where globally diverse stakeholders benefit, and the value contributes to environmental and social good.

How our business both impacts and is impacted by environmental and social issues, we identified our focus areas as:



Social and Economic Inclusion

Promote respect for human rights across the value chain, improve workforce diversity, and invest in positive social impact.



Environment and Climate

Reduce resource use, partner with suppliers to improve environmental impact, and lower our carbon footprint.



Circular Economy

Help enable the market for sustainable products and collaborate to end plastic waste in the environment.





Location

Cevizlik Mah., İstanbul Cad.
Güven İş Hanı Sitesi, No:41 İç Kapı No:100
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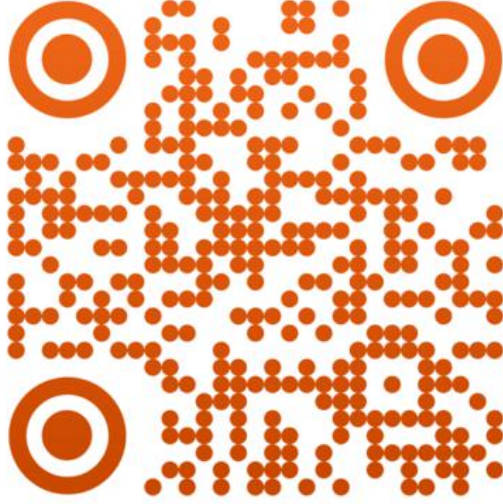
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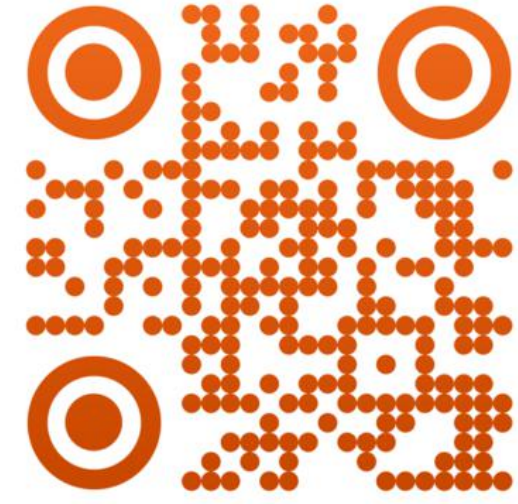
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Location



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