

# WE ARE REDESIGNING OUR CATALOGS

For the most up-to-date information,  
please use the products section  
on our website.

- Floor Coating
- Joint and Crack Sealants
- Concrete Additives, Curing
- Special Paints and Protective Coatings
- Waterproofing
- Water and Oil Repellents
- Auxiliary Products
- Polycarboxylate

**CONCRETE REPAIR AND  
MAINTENANCE, CURING AND  
ADDITIVE MATERIALS**

**POWER  
OF  
CONSTRUCTION**



**STENKIM PROVIDES  
SOLUTIONS FOR LARGE-SCALE  
AND PRESTIGIOUS PROJECTS IN  
DOMESTIC MARKET AND 26 DIFFERENT  
COUNTRIES WITH INNOVATIVE AND  
PERFECTIONIST APPROCHES,  
HIGH PRODUCTION CAPACITY AND  
PRODUCT VARIETY.**



Stenkim was established in 1986 and our company specializes about construction chemicals. We are a Turkish company and we are proud to be the first manufacture and still the sole producer of many products in Turkey. Stenkim has kept at the forefront of R&D investments and R&D activities.

Our R&D activities, new product designs and quality control processes emerge in our 600 m2 laboratory which is well equipped with high-tech and special devices. Stenkim has wide range of production capacity with own Know-How and Turkish engineers which are

specialized about construction chemicals. Our products from raw material stage to the final product which became kept under constant supervision of our expert staff, thereby we provide to achieve the desired quality of the products with own high production capacity and wide range of product.

Stenkim provides solutions for large-scale and prestigious projects in domestic market and 26 different countries with innovative and perfectionist approaches, high production capacity and product variety.







A photograph of industrial chemical processing equipment. The image shows a complex network of stainless steel pipes, valves, and large cylindrical tanks. The equipment is mounted on a metal frame. The lighting is bright, highlighting the metallic surfaces. The text "STENKIM CONSTRUCTION CHEMICALS" is overlaid in white, bold, sans-serif font in the upper right quadrant.

# STENKIM CONSTRUCTION CHEMICALS





# OUR COMPANY...



Stenkim was founded at 1986. We are one of the leading specialist companies in the construction chemicals sector. We are a Turkish Company, and we are proud to be the first to manufacture and still the sole producer of many products in Turkey. Our production facilities are based on 25.000 m2 area to produce very high quality and unique products competing against world's established companies. Our products are used at national

and international projects. To obtain standard and high quality products our professional staff monitor all processing stages and input materials. We are an ISO 9001 certified company.

All of our products are unique designs, developed in our R&D laboratory. We do quality control, quality verification, new products research and product development at our 600 m2 well-equipped laboratory



***With its culture of innovation and perfection,***

*Stenkim implements a ISO 9001 certified QMS for over a decade*



# OUR GOAL



Our goal is to become a sought after brand in the world markets, starting with European market, when high quality is demanded, carrying our reputation in Turkey as the leading manufacturer of construction chemicals with superior quality to these new markets. In order to reach this goal, we are continuously improving our products and processes to better fit expectations and needs of our customers and to create more effective and economical solutions.

We are prepared to reach our goal with our flexible, high capacity production facilities, high tech laboratories and most importantly with a well trained workforce, including expert R&D staff of chemists and chemical engineers.

***Our goal is to become a  
sought after brand in the  
world markets***



We serve construction sector with a wide range of products. Besides our standard list of products we have the ability to design for the special and unique needs of our customers. Our success is based on offering effective and complete system solutions to our customers by virtue of our high quality products and services. Our customers do not only buy a product but they buy a complete solution package including materials, pre-sales and post-sales services such as consultation and training. Nearly all of our products conform to at least one of applicable EN, ISO or ASTM standards.

We produce more than 100 products to serve construction sector. We manufacture polyurethane sealants, polyurethane mastics, polyurethane or epoxy based concrete repair mortars, anchorage materials, repair and maintenance materials for asphalt and concrete surfaces, injection resins, waterproofing membranes, water and oil repellents, epoxy and polyurethane based coating and floorings, sports floorings, protective coatings, coal-tar emulsion, adhesives, concrete additives and curing compounds. The variety and quality of the mentioned products and product categories are increasing continuously.

## JOINT SEALANTS

*Jet fuel resistant joint sealants*  
*Two component joint sealants*  
*One component and hot applied joint sealants*

## REPAIR AND MAINTENANCE MATERIALS

*Mortar type repair and maintenance materials*  
*Two component repair and maintenance materials*

## FLOOR COATING PRODUCTS

*Industrial floor coatings*  
*Varnish and protective top coats*  
*Sports floorings*

## WATERPROOFING MATERIALS

## WATER AND OIL REPELLENTS

## SPECIAL PAINTS AND PROTECTIVE COATINGS

*Industrial paints and coatings*  
*Protective paints and coatings*  
*Road marking paints*

## ADMIXTURES AND CURING

*Curing agents for fresh concrete*  
*Concrete admixtures*



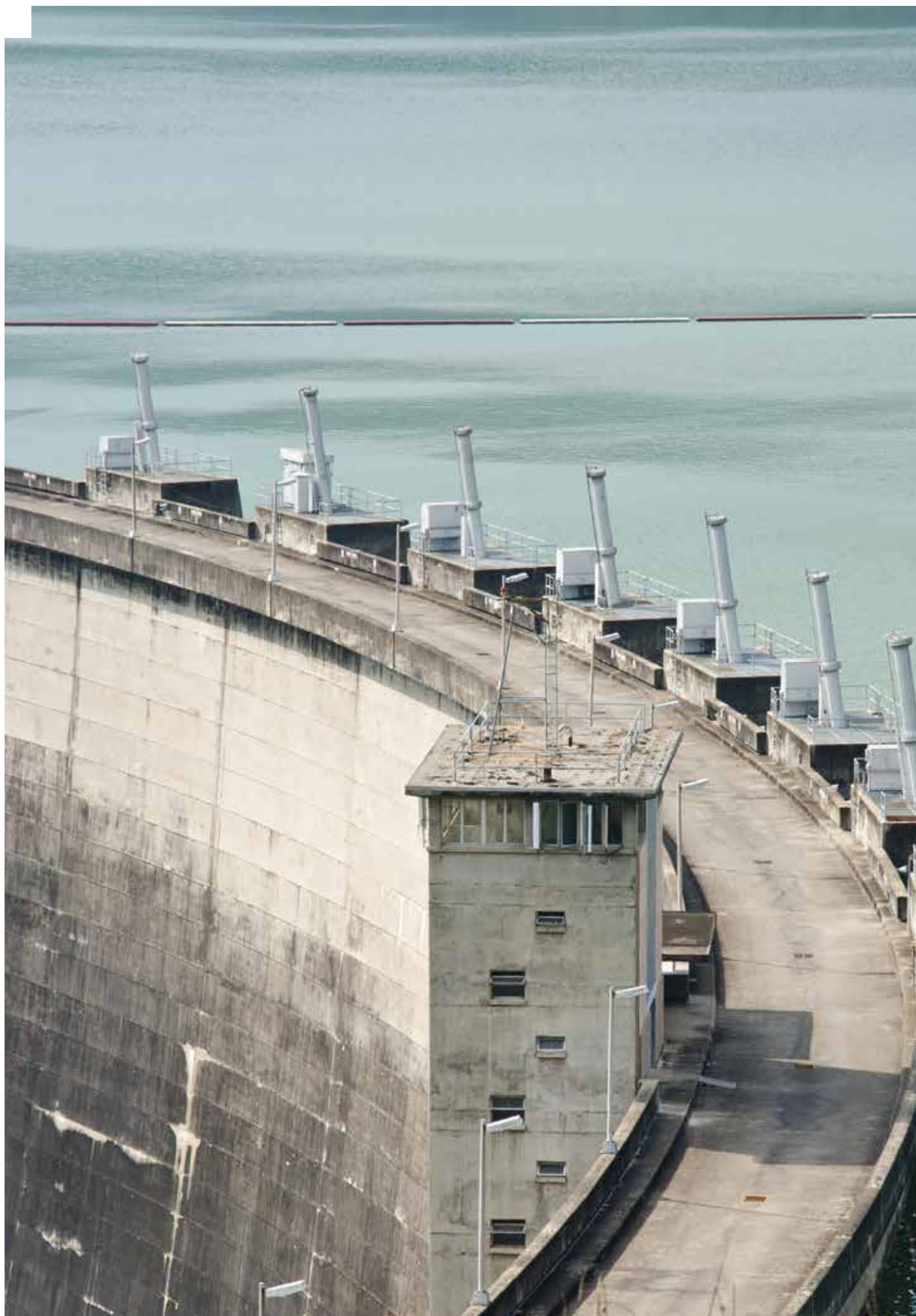




# StenCare®

## CONCRETE REPAIR MATERIALS

StenCare® products are  
100% compatible with concrete.



# StenCare®

## HEAVY DUTY TYPE, PERFECT ABRASION AND IMPACT RESISTANCE



Stenkim aims to cover all special needs and demands of construction sector with R&D and high-tech investments and knowledge.

Stenkim produces concrete repair and maintenance materials. StenCare is able to show high performance under all difficult conditions.





## StenCare®2EP110

### *Epoxy Based Injection Resin for Structural Crack Repair*

StenCare® 2EP110 is a two component, epoxy based, elastic injection resin. It is a low viscosity injection resin with high load bearing and adhesion properties which can be applied easily by a low pressure equipment or only by pouring. It is used for structural crack repair at concrete and brick walls. It preserves the construction from water leakages, damages of freezing water in Concrete and discolorations by preventing water inlet.

## StenCare®2EP230

### *Cold Applied, Epoxy Based, Repair and Coating Material*

StenCare® 2EP230 is a two component, cold applied, chemically curing, epoxy based, self leveling repair material. It has high mechanical resistance, flexibility and adhesion, and is suitable for heavy traffic conditions. It is resistant to organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals. It conforms to ASTM C 881/881 M, Type 3, Grade 1, Class C.

## StenCare®2EP231

### *Cold Applied, Non-Sagging, Epoxy Based, Repair and Coating Material*

StenCare®2EP231 is a two component, cold applied, chemically curing, epoxy based anchorage and coating material which can be used in sloped, vertical or reverse joints, with high mechanical resistance and adhesion, suitable for heavy traffic conditions. It is resistant to organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals.

## StenCare®2EP310

### *Epoxy Based Self Leveling Repair and Coating Mortar*

StenCare®2EP310 is a heavy duty, solvent-free, pourable grade epoxy repair and coating material. It is used in repairing old concrete surfaces, broken slab and joint edges, as adherence promoter between old concrete and fresh concrete, for rigid anchorages and dowel bar fixing. It has high abrasion resistance and excellent adhesion to concrete, metal and wooden surfaces. It provides a stable and durable repair. It is resistant to dilute organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals.

## StenCare®2EP311

### *Epoxy Based Thixotropic Repair and Coating Material*

StenCare®2EP311 is a heavy duty, solvent-free, epoxy based thixotropic repair and coating material. It is used for repairing old concrete surfaces, broken slab and joint edges, for rigid anchorages and dowel bar fixing. It has excellent adhesion to concrete, metal and wooden surfaces, and provides a stable and durable repair. It has high abrasion resistance. It is resistant to chemicals. It is resistant to dilute organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals.

## StenCare®2MA210

### *Methacrylate Based Self Leveling Repair and Coating Material*

StenCare®2MA210 is a heavy duty, solvent-free, pourable grade methacrylate base repair and coating material. It has high adhesion and abrasion resistance properties, and it is resistant to chemicals. It is resistant to weak organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals.

## StenCare® ADVANTAGES

*resistant to atmospheric conditions*

*Impact resistance*

*Perfect abrasion*

*High adhesion*

StenCare®

*Repair and maintenance materials with perfect abrasion and impact resistance, high adhesion*

### StenCare®3EP/3EP-QC

#### *Epoxy Based Repair and Coating Material*

StenCare®3EP/3EP-QC is a heavy duty type, solventfree, epoxy based coating and repair mortar for concrete. It forms a high bearing, anti-slip and durable coating, resistant to atmospheric conditions. Polymeric mixture has excellent adhesion to concrete and matches thermalexpansions of the Portland cement concrete. It has perfect abrasion and impact resistance. It is resistant to weak organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals. It is especially used for repairing damaged concrete pavements, joint edges and floors, like airport pavements, industrial floors, parking lots, etc. It has a fast curing type StenCare®3EP-QC for places where short curing time and early trafficability is needed

### StenCare®3EP-ANK

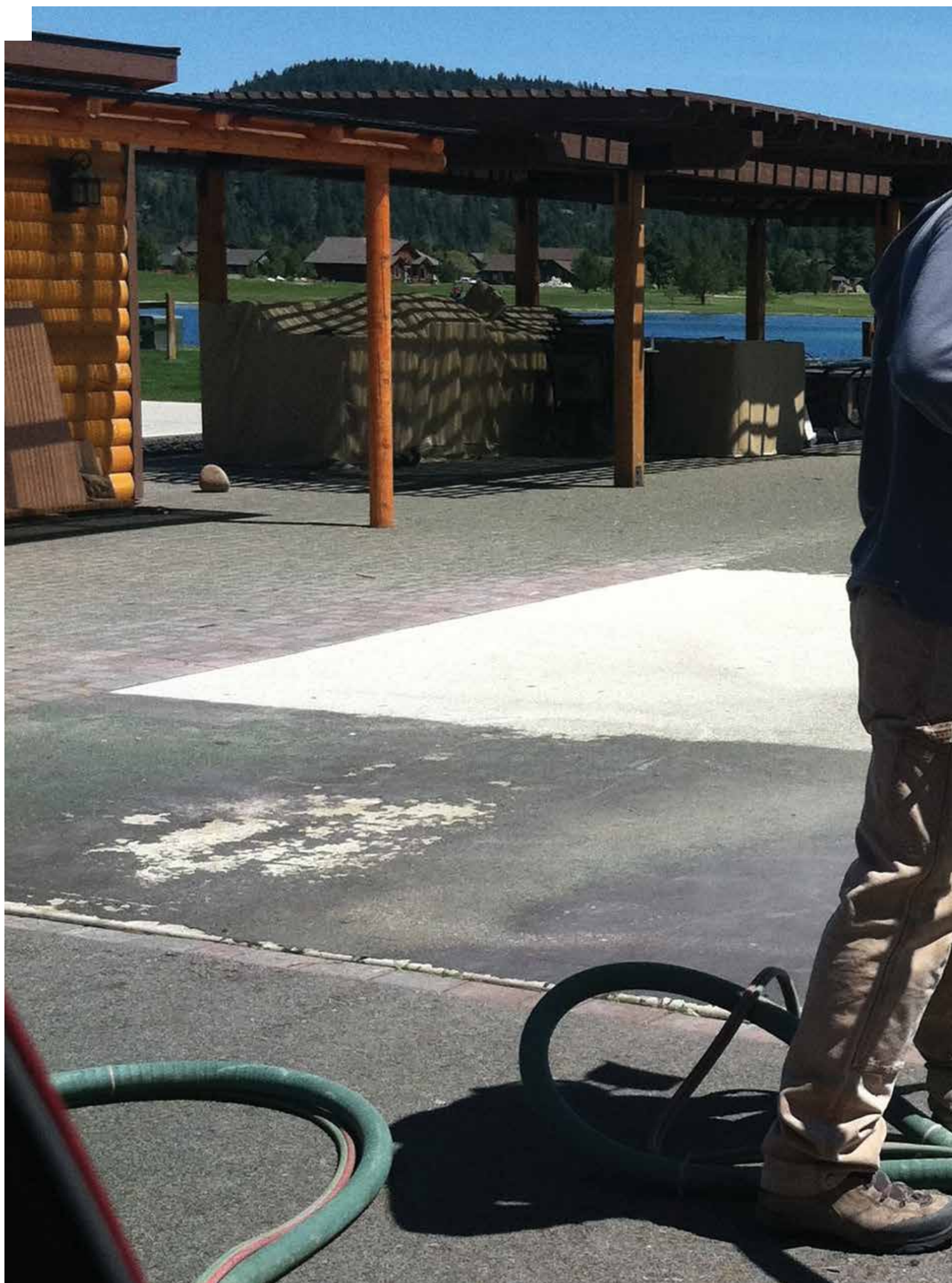
#### *Epoxy Based Fixture Anchorage Material*

StenCare®3EP-ANK is a three component, epoxy based, pourable, heavy duty type anchorage material designed for concrete pavements at airfields. It is a high load bearing, moisture tolerant material with high impact resistance. It has excellent adhesion to concrete and resistant to antifreezes, fuels and many chemicals.

### StenCare®3EP-FLEX

#### *Epoxy Based Repair and Coating Material*

StenCare®3EP-FLEX is a heavy duty type solvent free elasticized epoxy based coating and repair mortar which can be applied by pouring, and forms a high bearing capacity and anti-slip floor with special size solid fillers. It is used as two or three components. It has high adhesion and abrasion resistance properties, and it is resistant to chemicals. Polymeric mixture matches thermal expansions of the concrete made of Portland cement and has excellent adhesion to concrete. Due to elasticity it can withstand thermal and dynamic movements without peeling or cracking. It requires no joints. Its application is easy. It is a system which consist of pure solvent free epoxy resin, pigments and solid fillers.







# StenCure®

## CONCRETE ADDITIVES AND CURING MATERIALS

StenCure® prevents water loss in fresh concrete, shrinkage cracks and strength loss of the concrete

### WHY USE STENCURE

StenCure® forms a protective membrane on new concrete surface and prevents water loss. It prevents resistance losses and shrinkage cracks that may be caused by premature water loss. The material makes it unnecessary to take any other precaution (watering or laying wet straw mat, wet sand and oilcloth) for the same purpose. StenCure®, due to these properties, is used at places such as all types of large concrete surfaces exposed to outdoor conditions and especially at airports, runways, aprons and park areas, concrete access roads, bridges, dams, watering canals and concrete decks.



#### StenCure®

##### *Water Retentive Paraffinic Emulsion*

StenCure® is a paraffin based curing compound to prevent water loss in fresh concrete. It prevents resistance losses and shrinkage cracks that may be caused by premature water loss. The material makes it unnecessary to take any other precautions for the same purpose. It is used at all types of large concrete surfaces exposed to outdoor conditions and especially at airports, runways, aprons and park areas, Concrete access roads, bridges, dams, watering canals and concrete decks.

# StenCure® IDEAL SOLUTIONS FOR CONCRETE



Stenkim aims to cover all special needs and demands of construction sector with R&D and high-tech investments and knowledge.

Stenkim produces concrete repair and maintenance, concrete curing and concrete additive products.

## StenCure® RS

### *Water Retentive Polymer Based Material*

**StenCure® RS** is a polyacrylate based curing compound to prevent water loss in fresh concrete. It can be applied after surface hardener applications. It prevents resistance losses and shrinkage cracks that may be caused by premature water loss. It forms a transparent, protective membrane to prevent water loss and chalking. It impregnates to the surface and can also be used at old concrete surfaces to prevent chalking and to strengthen the pavement.

## StenCure® RW

### *Water Retentive Polymer Based Emulsion*

**StenCure® RW** is a polymer based curing compound to prevent water loss in fresh concrete. It prevents resistance losses and shrinkage cracks that may be caused by premature water loss. The material makes it unnecessary to take any other precautions for the same purpose. The surface could be coated with any kind of cement or resin based materials after it totally get cured.

## StenCure® WHITE

### *Water Retentive Pigmented Paraffin Emulsion*

**StenCure® WHITE** is a paraffin based membrane forming material that prevents water loss in fresh concrete. It forms a protective layer on new concrete surface and slows down water loss. It prevents resistance losses and shrinkage cracks that may be caused by premature water loss. It protects surface from overheating due to sun light. The sprayed material makes it unnecessary to take any other precaution for the same purpose. **StenCure® WHITE** is used at places such as all types of large concrete surfaces exposed to outdoor conditions and especially at airports, runways, aprons and park areas, concrete access roads, bridges, dams, watering canals and concrete decks.









**StenMix®**

## CONCRETE ADDITIVE MATERIALS

StenMix® provides ideal solutions for producing of concrete









# StenMix®



**IMPROVES SURFACE  
FINISH AND DENSITY**

**IMPROVES WORKABILITY**



### StenMix®AER

#### *Air Entraining Additive For Concrete*

StenMix®AER is an air entraining additive for controlled dispersion of micro air bubbles in concrete which increases resistance to freeze thaw cycles. It can be used with mass, reinforced or non-reinforced, light weight or normal weight concrete. It is preferred to be used in concrete subject to winter conditions and frequent freezethaw cycles. StenMix®AER can be used at highways, airports, runways and terminals, dams and water reservoirs.

### StenMix®ANTIFREEZE

#### *Anti Freeze and Quick Set Admixture For Concrete*

StenMix®ANTIFREEZE is an antifreeze admixture which protects the fresh concrete against freezing and allows production of high quality concrete by decreasing setting time at low temperatures. StenMix®ANTIFREEZE complies with TS EN 934-2 T6 and ASTM C 494-81 Type C. StenMix®ANTIFREEZE does not contain chlorides or similar corrosive ingredients.

### StenMix®DRY 301

#### *Admixture For Low Slump Concrete*

StenMix®DRY 301 is an additive material to be used in the production of concrete block elements that are required to exhibit very low slump. StenMix®DRY 301 stabilizes the hydration development of the cement during its hydration process. It ensures the formation of robust structures at every point throughout the mixture by increasing the activity of the mixture's cement particles. So, because the surface structures of the elements produced are robust, their resistance to abrasion is also high.

### StenMix®NORA 100

#### *Water Reducer and Plasticizer*

StenMix®NORA 100 is a ready to use modified lignosulphonate based, high range, water reducing, superplasticising admixture for Portland cement concrete.

### StenMix®NORA 120 QS

#### *Accelerating, Water Reducer and Plasticizer*

StenMix®NORA 120 QS is a ready to use modified polynaphthalene sulfonate based, accelerating, water reducing, superplasticising admixture for Portland cement concrete. StenMix®NORA 120 QS is suitable for cold weather conditions.

### StenMix®HIPA 442 HS

#### *High Range Water Reducer / Super Plasticizer*

StenMix®HIPA 442 HS is a ready to use polycarboxylic ether (PC) based, high range, water reducing, superplasticising admixture for Portland cement concrete. StenMix®HIPA 442 HS conforms to requirements of TS EN 934-2 Table 3 (High Range Water Reducer/Plasticizer Standard) and ASTM C 494 Type F (Standard Specification for Chemical Admixtures for Concrete - Water Reducing, High Range Admixtures).

## StenMix®SUPA 102

### *High Range Water Reducer / Super Plasticizer*

StenMix®SUPA 102 is a ready to use modified lignosulphonate based, high range, water reducing, superplasticising admixture for Portland cement concrete.

StenMix®SUPA 102 conforms to requirements of TS EN 934-2 Table 3(High Range Water Reducer/Plasticizer Standard) and ASTM C 494 Type F(Standard Specification for Chemical Admixtures for Concrete -Water Reducing, High Range Admixtures).

## StenMix®SUPA 140HS

### *High Range Water Reducer / Super Plasticizer*

StenMix®SUPA 140HS is a ready to use modified polycarboxylate based, high range, water reducing, superplasticising admixture for Portland cement concrete.

StenMix®SUPA 140HS conforms to requirements of TS EN 934-2 Table 3(High Range Water Reducer/Plasticizer Standard) and ASTM C 494 Type F(Standard Specification for Chemical Admixtures for Concrete -Water Reducing, High Range Admixtures).

## StenMix®SUPA210

### *High Range Water Reducer / Super Plasticizer*

StenMix® SUPA210 is a ready to use naphthalene sulphonate based, high range, water reducing, superplasticising admixture for Portland cement concrete.

StenMix® SUPA210 allows extended and controlled setting times required. It is especially recommended to use at hot summer time or high ambient temperatures. StenMix® SUPA210 conforms to requirements of TS EN 934-2 Table 3 (High Range Water Reducer/ Plasticizer Standard) and ASTM C 494 Type F (Standard Specification for Chemical Admixtures for Concrete – Water Reducing, High Range Admixtures).

## StenMix®HIPA 410HS-RS

### *High Range Water Reducer / Super Plasticizer*

StenMix®HIPA 410HS-RS is a ready to use polycarboxylic ether (PC) based, high range, water reducing, superplasticising admixture for portland cement concrete.

StenMix®HIPA 410HS-RS conforms to requirements of TS EN 934-2 Table 3(High Range Water Reducer/Plasticizer Standard) and ASTM C 494 Type G(Standard Specification for Chemical Admixtures for Concrete -Water Reducing, High Range and Retarding Admixtures).

## StenMix®HIPA 430QC

### *High Range Water Reducer / Super Plasticizer*

StenMix®HIPA 430QC is a ready to use polycarboxylic ether (PC) based, high range, water reducing, superplasticising admixture for portland cement concrete.

StenMix®HIPA 430QC conforms to requirements of TS EN 934-2 Table 3(High Range Water Reducer/Plasticizer Standard) and ASTM C 494 Type F(Standard Specification for Chemical Admixtures for Concrete -Water Reducing, High Range).

## StenMix®HIPA 431QC

### *High Range Water Reducer / Super Plasticizer*

StenMix®HIPA 431QC is a ready to use polycarboxylic ether (PC) based, high range, water reducing, superplasticising admixture for portland cement concrete.

StenMix®HIPA 431QC conforms to requirements of TS EN 934-2 Table 3(High Range Water Reducer/Plasticizer Standard) and ASTM C 494 Type F(Standard Specification for Chemical Admixtures for Concrete -Water Reducing, High Range).



# StenMix, high performance concrete additives

## StenMix®QUICK

### *AntiFreeze and Quick Set Admixture*

StenMix®QUICK is an antifreeze admixture which protects the fresh concrete against freezing and allows production of high quality concrete by decreasing setting time at low temperatures.

## StenMix®RETARD

### *High Performance Retarding Admixture*

StenMix®RETARD is used in fresh concrete in cases where extended and controlled setting times required. StenMix®RETARD is especially suitable for pouring large volumes of concrete, pumping concrete to long distance, avoiding air bubbles in placed concrete through vibration and cold joints. It is especially recommended to use StenMix®RETARD at hot summer time or high ambient temperatures as set retarding admixture. StenMix®RETARD does not affect final strengths of concrete negatively.

## StenMix®SUPA 200

### *High Range Water Reducer / Super Plasticizer*

StenMix®SUPA200 is a ready to use naphthalene sulphonate based, high range, water reducing, superplasticising admixture for Portland cement concrete. StenMix®SUPA200 conforms to requirements of TS EN 934-2 Table 3 (High Range Water Reducer/Plasticizer Standard) and ASTM C 494 Type F (Standard Specification for Chemical Admixtures for Concrete – Water Reducing, High Range Admixtures).







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