

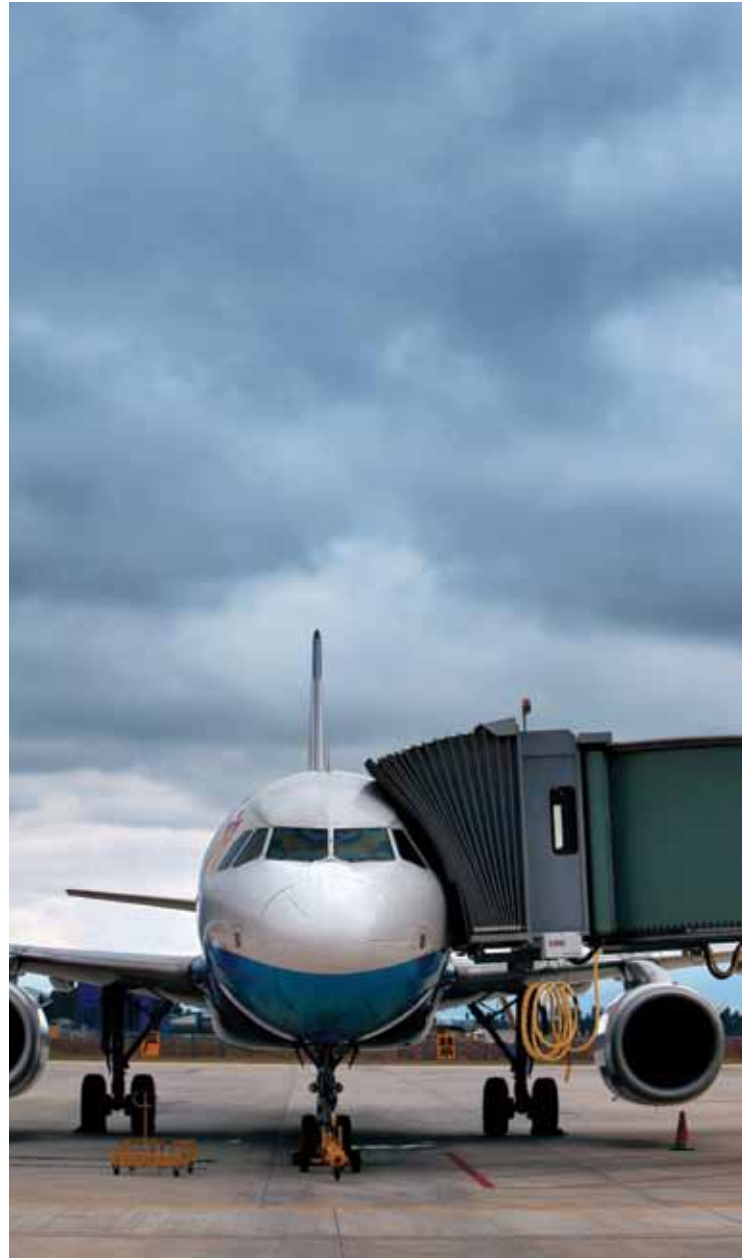
# StenSeal<sup>®</sup>

**HAVAALANLARI İÇİN DERZ DOLGU MACUNLARI**

# StenSeal®

*StenSeal® StenSeal Jet fuel resistant, two components, solvent free joint sealants*

HIGH ADHESION AND  
ABRASION RESISTANCE,  
SUITABLE FOR HEAVY  
TRAFFIC



**StenSeal®2K**  
JET FUEL RESISTANT  
JOINT SEALANT

More than a quarter century of experience and knowledge, STENKİM manufacture durable and reliable sealants for airports, industrial plants, and food production facilities. Stenkim produce more than 150 products conform to at least one of EN, ISO or ASTM standards, to serve construction sector.





## StenSeal®2K

### WHY BE USED StenSeal®2K AT AIRPORTS

*Longevity and durability of a joint sealant is not only the first hardness but also depends on maintaining its standards and flexibility over the years*

Concrete is not a static structure. All concrete, once placed, will contract slightly during the curing process. When set, concrete will expand and/or contract slightly with ambient temperature. For example an ordinary runway length at an airport differentiate approximately 1.2 mt between day and night, 2.5 mt between summer and winter. StenSeal 2K withstands severe horizontal and vertical concrete expansion joint movements, handle temperature and weather extremes and offer longevity and durability.

## StenSeal®2K

*Polyurethane based, jet fuel resistant joint sealant*

- Conforms TS 5926 EN 14188-2
- Jet fuel resistant
- High adhesion and abrasion resistance
- Resistant to deformation
- Permanently flexible
- Suitable for airports and heavy traffic conditions

StenSeal®2K is a two component, polyurethane based, coal-tar modified, elastomeric, heavy duty type self-leveling sealant for concrete pavements. It is resistant to jet fuels, hydraulic fluids, oils and various chemicals, fully resistant to UV radiation and has high abrasion resistance and adhesion properties. StenSeal® 2K is suitable for use in high traffic bearing concrete pavements, and especially used in runways, highways, park areas, terminals and ramps, cargo fields and roads at airports. It has also three other types for different application purposes; Hard (StenSeal®2K-HM), elastic (StenSeal®2K-MM) and very elastic (StenSeal®2K-KULM).

## HIGHLIGHTS OF StenSeal®2K

- Flexible, withstands joint movements
- Insulate joints and cracks
- Long serving life
- Conforms EN 14188-2, ASTM C920 and SS-S-200E

### StenSeal®2K-NS

#### *Polyurethane based, jet fuel resistant non-sagging type joint sealant*

- Thixotropic, suitable for vertical application
- Conforms TS 5926 EN 14188-2
- Jet fuel resistant
- High adhesion and abrasion resistance
- Resistant to deformation
- Permanently flexible
- Suitable for airports and heavy traffic conditions

StenSeal®2K-NS is a two component, polyurethane based, coal-tar modified, elastomeric, non-sagging joint sealant. It is resistant to jet fuels, oils, diluted acids and bases, and various chemicals. It is designed for sloped, vertical and overhead joints. It is resistant to UV radiation and has high abrasion resistance and adhesion properties. StenSeal®2K-NS is especially used for non-horizontal joints at airports, refineries, chemical facilities and precast panels, prefabricated structures, concrete pipe fittings, etc.

### StenSeal®2PS - JFR

#### *Polysulfide bases, jet fuel and hydraulic oils resistant, self-leveling joint sealant*

- Conforms TS 5926 EN 14188-2
- Jet fuel and hydraulic oils resistant
- Ideal for all types of concrete joints
- High adhesion and abrasion resistance
- Resistant to deformation
- Permanently flexible
- Suitable for continuous water contact and under water applications
- Suitable for airports and heavy traffic conditions

StenSeal®2PS - JFR is a two component, polysulfide based, elastomeric, heavy duty type self-leveling sealant for concrete pavements. It is resistant to jet fuels, hydraulic fluids, oils and various chemicals, fully resistant to UV radiation and has high abrasion resistance and adhesion properties. StenSeal®2PS - JFR is suitable for use in high traffic bearing concrete pavements, and especially used at airports, runways, highways and where excellent chemical resistant needed. It is resistant to jet fuel, hydraulic liquids and oils and high range of chemicals.

### StenSeal®1094

#### *Hot applied, single component, jet fuel resistant joint sealant*

- Single component, ready to use
- Jet fuel and chemically resistant
- Fast curing and allows rapid trafficability
- High adhesion and abrasion resistance
- Resistant to deformation
- Permanently flexible

StenSeal®1094 is a hot applied thermoplastic joint sealant. It is resistant to jet fuels, oils and many chemicals. Since it is hot applied, it cures very fast and application areas can be opened to traffic in a very short time. Main application areas of StenSeal®1094 are airfields, highways, refineries and irrigation canals

# StenCare<sup>®</sup>

BETON TAMİR VE ONARIM MALZEMELERİ

# StenCare®

*StenCare® with non-skid surfaces and 100% compatibility with concrete offers durable and reliable repair and maintenance materials*

EXCELLENT ADHESION,  
IMPACT RESISTANCE  
AND LONG SERVICE LIFE



## StenCare® REPAIR AND MAINTENANCE MATERIALS

Stenkim; with its extensive knowledge about polymeric materials, manufactures epoxy and polyurethane repair and maintenance materials for all types of concrete structures and concrete surfaces.

With our expert R&D staff, high tech laboratories and production facilities Stenkim meets special demands of construction sector. Stenkim is one of the few producer of flexible epoxy on the world and sole producer in Turkey. Stenkim offers high quality, durable, reliable and easy to apply repair and maintenance materials resistant to severe conditions



StenCare®

*Repair and Maintenance Materials, Excellent Adhesion to concrete, high abrasion and impact resistance*



## HIGHLIGHTS OF StenCare®

- 100% compatibility to concrete
- Resistant to freeze and thaw cycles
- Excellent adhesion
- High abrasion and impact resistance
- Easy to apply

## StenCare®2EP 110

### *Epoxy based, low viscosity, injection resin for structural repair material*

- 100% compatibility to concrete
- low viscosity, suitable for injection
- High load bearing and adhesion
- Structural repair for cracks

StenCare®2EP 110 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 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®2EP 230

### *Epoxy based, flexible, self leveling repair and coating material*

- It is flexible
- It has perfect compatibility to thermal movements of concrete
- Easy to apply
- High mechanical endurance
- Excellent adhesion to all kind of surfaces
- Chemically resistant
- Suitable for heavy traffic and severe conditions
- Rapid curing (as demand)

StenCare®2EP 230 is a two component, epoxy based elastic anchorage and coating material. It can be used for dowel bar installation, bonding of aggregates of skid resistant coatings or for any repairs on surfaces subject to traffic or movement. It has excellent adhesion to concrete, metal and wooden surfaces, and provides a stable and durable repair with high mechanical strength. It is resistant to organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals. It is also used as filler or adhesive between two different surfaces. It conforms ASTM C 881/ c881 M, Type 3, Grade 1 Class C.

## StenCare®2EP 231

### *Epoxy based, flexible, thixotropic repair and coating material*

- It is flexible
- It has perfect compatibility to thermal movements of concrete
- Allows sloped, vertical or overhead applications
- High mechanical endurance
- Excellent adhesion to all kind of surfaces
- Chemically resistant
- Suitable for heavy traffic and severe conditions
- Rapid curing (as demand)

StenCare®2EP 231 is a two component, epoxy based elastic anchorage and coating material designed for sloped, vertical or overhead slots. It can be used for dowel bar installation, bonding of aggregates of skid resistant coatings or for any repairs on surfaces subject to traffic or movement. It has excellent adhesion to concrete, metal and wooden surfaces, and provides a stable and durable repair with high mechanical strength. It is resistant to organic and inorganic acids and alkalies, oils, fuels and antifreezes and many chemicals. It is also used as filler or adhesive between two different surfaces. Conforms ASTM C 881/ c881 M, Type I, IV, V and Grade 3 Class B C 881/ C 881M'e göre Type I, IV, V, Grade 3, Class B

## StenCare®2EP 310

### *Epoxy based, self leveling repair, anchorage and adhesion promoter*

- High adhesion and abrasion resistance
- High load bearing
- High mechanical endurance
- Chemically resistant
- Suitable for heavy traffic and severe conditions
- Rapid curing (as demand)

StenCare®2EP 310 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. Conforms ASTM C 881/ c881 M, Type I, IV, V and Grade 2

## StenCare®2EP 311

### *Epoxy based, thixotropic, anchorage, repair and coating material*

- Allows sloped, vertical or overhead applications
- High adhesion and abrasion resistance
- High load bearing
- High mechanical endurance
- Chemically resistant
- Suitable for heavy traffic and severe conditions
- Rapid curing (as demand)

StenCare®2EP 311 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. Conforms ASTM C 881/ c881 M, Type I, IV and Grade 3



*Epoxy based, 3 component, flexible repair mortar*

- Excellent adhesion and impact resistance
- Outstanding abrasion resistance
- 100% compatibility with concrete thermal movement
- Jointless application with flexible structure
- Non-skid surface
- Resistant to atmospheric condition
- Resistance to fuel, oils and other chemicals
- Easy to apply

**StenCare®3EP-FLEX** is a heavy duty type, solvent free, epoxy based coating and repair mortar for concrete. It can be used as a resin or 3 components mortar. It forms a high bearing, anti-slip and durable coating, resistant to atmospheric conditions. Polymeric mixture has excellent adhesion to concrete and matches thermal expansions of the Portland cement concrete with its flexible structure. Flexibility prevents spalling and cracking. Just follows concrete joints no extra joints needed. 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.

*Epoxy based fixture anchorage material*

- Specially designed for airports applications
- Excellent adhesion and impact resistant
- Easy to apply allows pouring application
- Resistant to antifreezes, deicing, fuels and many chemicals
- Moisture tolerant

**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.





# StenCoat<sup>®</sup>Y

YOL ÇİZGİ BOYALARI

# StenCoat<sup>®</sup>Y

*StenCoat<sup>®</sup>Y Outstanding resistant to outdoors condition, resistant to fuels, traffic and exhaust gases. Long service life for both asphalt and concrete surfaces.*

RESISTANT TO EXHAUST  
GASES AND TRAFFIC.  
DURABLE ROAD  
MARKING PAINTS



## StenCoat<sup>®</sup>Y ROAD MARKING PAINTS

More than a quarter century of experience and knowledge, STENKIM manufacture durable and reliable road marking paints for airports, highways, bridges and parking lots.

Stenkim, continuously improves products and processes technologies to better fit expectations and needs of construction sector and customers to create more effective and economical solutions.



# StenCoat®

## Yüksek dayanımlı, uzun ömürlü yol çizgisi boyası

### StenCoat 2PU-Y

#### *Polyurethane based, solvent free, high strength road marking paint*

- Resistant to outdoor conditions
- Resistant to fuels and exhaust gases
- Solvent free
- Safe to use on both asphalt and concrete surfaces
- Easy to apply and rapid curing
- Long service life

StenCoat 2PU-Y is a two component, polyurethane based, solvent-free road marking paint with high abrasion resistance. It is resistant to traffic and outdoor conditions, fuels and exhaust gases. It is a long-lasting road marking paint for cement concrete, asphalt concrete, polyurethane and epoxy floorings. It can be safely used at asphalt pavements since it does not include solvents. It has high scratch, peeling and abrasion resistance. It has mechanical resistance to UV radiation

### StenCoat 2PU-Y PLUS

#### *Polyurethane based, solvent free, UV resistant road marking paint*

- UV resistant, do not change color
- Resistant to outdoor conditions
- Resistant to fuels and exhaust gases
- Solvent free
- Safe to use on both asphalt and concrete surfaces
- Easy to apply and rapid curing
- Long service life

StenCoat 2PU-Y PLUS is a two component, polyurethane based, solvent free road marking paint with high abrasion resistance. It is resistant to traffic and outdoors conditions, fuels and exhaust gases. It is a long-lasting road marking paint for cement concrete, asphalt concrete, polyurethane and epoxy floorings. It can be safely used at asphalt pavements since it does not include solvents. It has high scratch, peeling and abrasion resistance. It has totally resistant to UV radiation.

### StenCoat CR-Y

#### *Alkyd based road marking paint*

- Single component
- Resistant to outdoor conditions
- Safe to use on both asphalt and concrete surfaces
- Easy to apply and rapid curing

StenCoat® CR-Y is a single component, alkyd based, solvent borne road marking paint for asphalt and concrete surfaces. It is resistant to traffic and outdoor conditions. It dries quickly. It is preferred whenever economy and easy of application are prioritized. Catalog colors are available.