



CORPORATE OVERVIEW

WHO WE ARE

KSS Building Materials Trading LLC operates at the intersection of technical excellence, disciplined execution, and deep industry knowledge. The organization is driven by a highly competent team of engineers, technical specialists, and project coordinators who collectively focus on delivering dependable, performance-driven solutions across the **MEP, landscaping, infrastructure, and agricultural sectors**. Every engagement is approached with a clear understanding of **constructability, lifecycle performance, and real-world site conditions**, ensuring that specified systems function reliably long after installation.

WHAT WE DO

We are specialised in the engineering and trading of water and waste water Solutions, water treatment Solutions like **Channel Drainage, Grease / Oil separator, Plumbing Specialities like Pipe / Fittings and Valves, Storm water solutions like Geo-cellular Soakaways, Geosynthetics related to the building services, Landscaping and Infrastructure industry.**

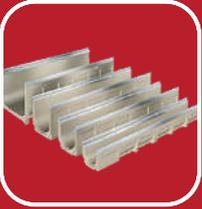
At KSS Building Material Trading, we are focused on our specialization, we ensure that we bring the world's Renowned and Reputed manufacturers to the market through supply of their Innovative products and solutions.

KSS Building Materials Trading LLC is specialized in the engineering and trading of a wide range of products essential for **water and wastewater solutions, water treatment, stormwater management, and infrastructure support**. Our product offerings are meticulously chosen to meet the specific demands of the **building services, landscaping, and infrastructure sectors, providing clients with top-tier solutions** for a range of applications.



OUR PRODUCTS

STORM WATER PRODUCTS



- Polymer Concrete Channel Drains
- Slot Drains
- Geocellular Tanks
- Arch Type Soakaways
- Oil Separators
- Hydrodynamic Separators
- HDPE / SS Flap Valves
- Manhole Covers
- Perforated Pipes

BUILDING DRAINAGE PRODUCTS



- Automatic Grease Separators
- Oil Separators
- Roof Drains
- Floor Drains
- Floor Cleanouts
- Parking Drains
- Balcony Drains
- Shower Drains
- Kitchen Drainage
- Siphonic Drainage

LANDSCAPE PRODUCTS



- Planter Drains
- Slot Drains
- Channel Drains
- Tree Gratings
- Drainage Cells
- Geogrids
- Geocells
- Root Barriers
- Salt Barriers
- Geocell Treepits - Arborflow
- Geobags
- Geotextiles
- Access Covers

POLYMER CONCRETE CHANNEL DRAINS



APPLICATIONS

- Residential Areas
- car Parks
- Service Stations
- Air Ports & Sea Ports
- Sports facilities
- Shopping Malls
- Urban Landscaping
- Roads and Tunnels
- Industrial Areas

Polymer concrete Channel drains.

- Smooth surfaces with very low friction hence rapid run-off of fluids
- Less weight & more compressive strength compared to normal concrete channels
- Zero Water absorption index
- Water tight installations
- Designed as per EN1433
- Available in all sizes from A15 - F900 Load class



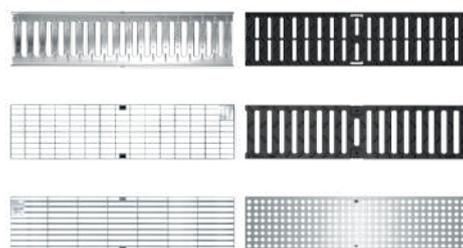
Gratings available in Ductile iron, GI and SS



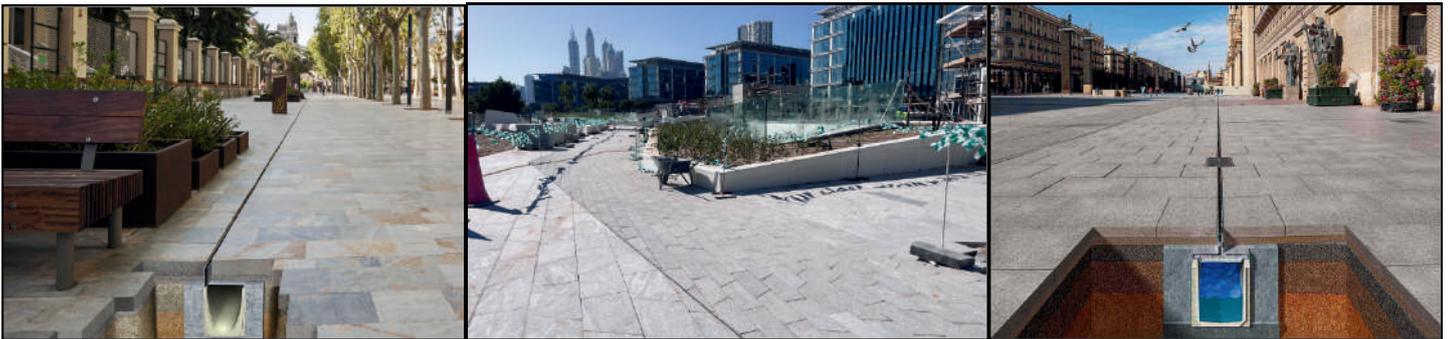
Outlet Options



Kerb Drain



SLOT DRAINS

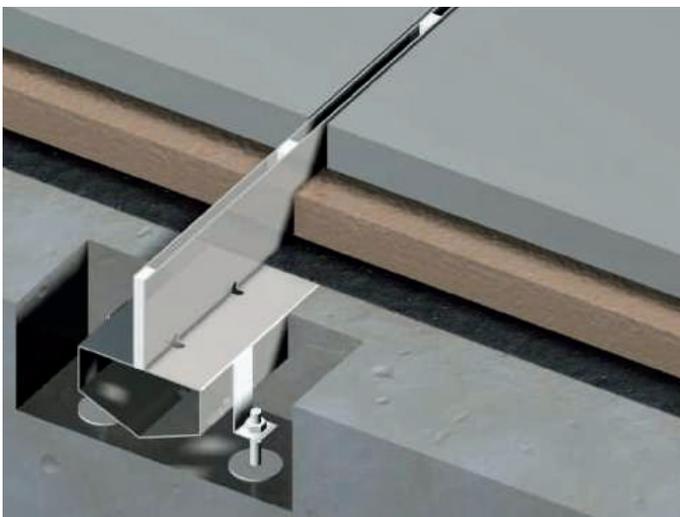
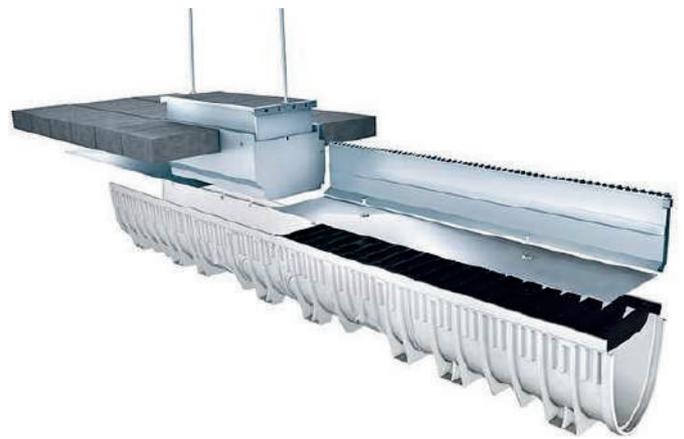


APPLICATIONS

- Residential Areas
- Swimming Pools
- car Parks
- Sports facilities
- Shopping Malls
- Urban Landscaping
- Podium Level

Slot drains.

- Aesthetically appealing Single slot or double slots for greater hydraulic efficiency
- Available in Stainless steel and Galvanized slotted gratings
- Designs as per EN1433
- Load Class up to D400



GEOCELLULAR SOAKAWAYS



APPLICATIONS

- Attenuation
- Infiltration

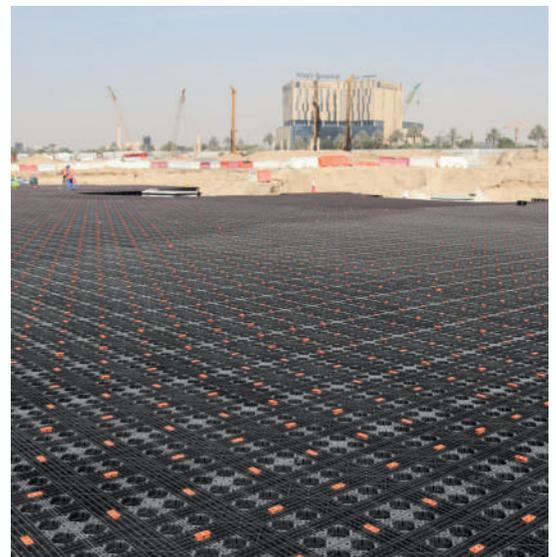
ADVANTAGES

- Easy installation
- Very less storage Volume

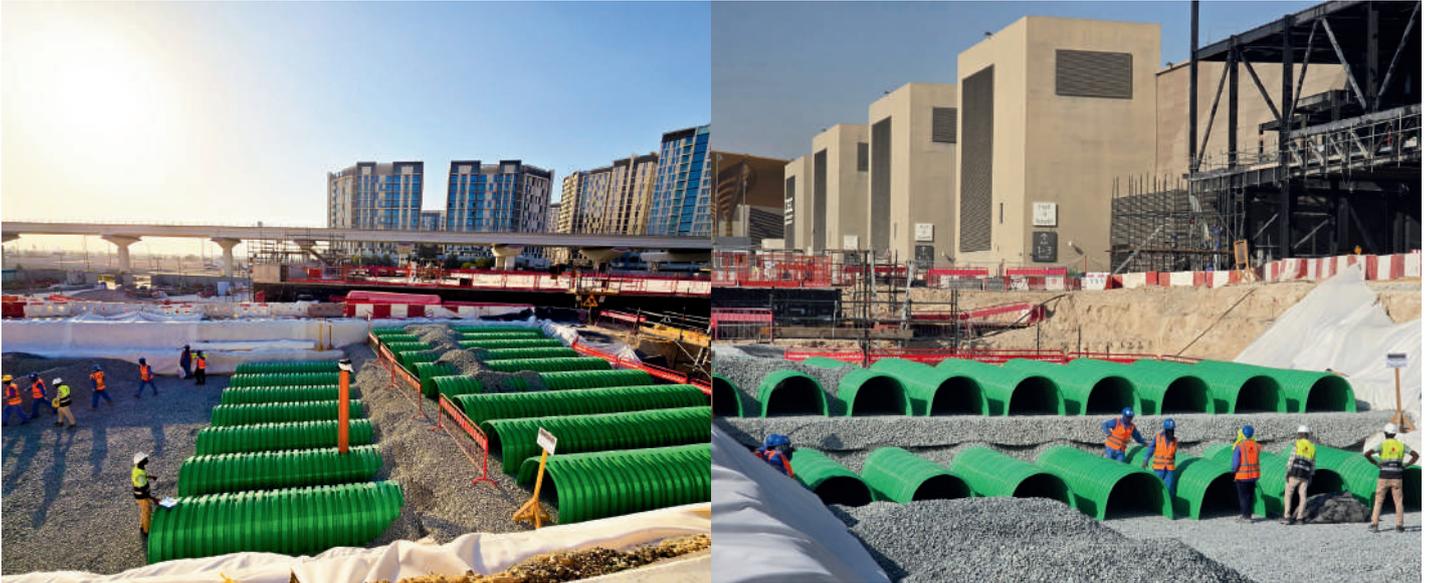
Modular Soakaway/HD Geocell Tank System

- Stormwater Management tanks are designed to collect and store excess surface water run-off from large storm event.
- 100% Virgin Material
- 95% Void/Effective storage volume.
- Heavy load carrying capacity
- Compressive strength is more than 60 Tons/Sq.M

MODULAR SOAKAWAY/HD GEOCELL TANK SYSTEM: EFFECTIVE STORMWATER MANAGEMENT



ARCH-TYPE SOAKAWAYS



FEATURES:

- The most cost-effective subsurface detention/retention system available.
- Exceed the latest AASHTO LFRD Bridge
- Design Spec 1 safety factors for HS-20 Live Loads and Earth Loads for a performance life of greater than 50 years.
- Larger storage volume per square foot.
- Less footprint



Soakaway (Arch type)

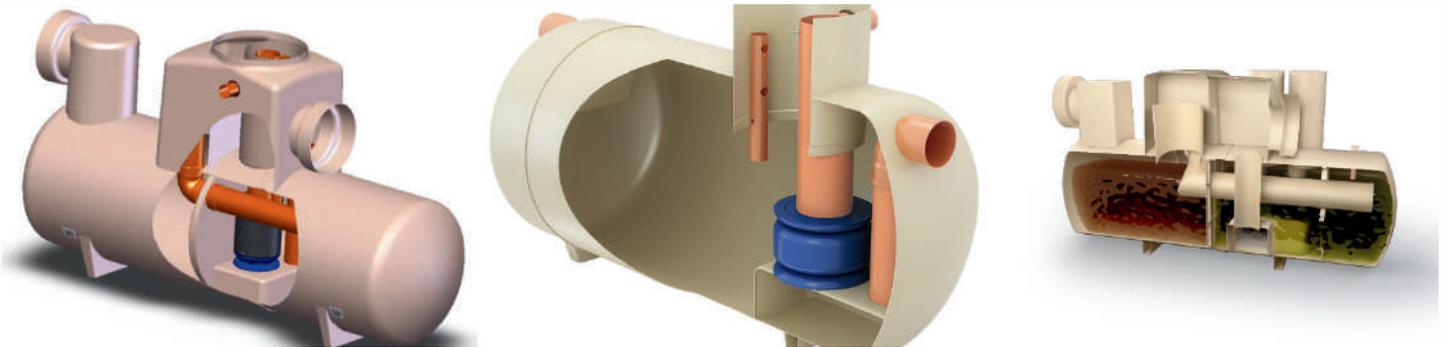
- Xerxes Stormwater Solutions has answered the call for a stronger, lightweight, comprehensive underground stormwater chamber management solution that effectively addresses the maintenance issues associated with underground systems.
- Xerxes Stormwater Solutions has also kept the environment in mind by producing a revolutionary new soy resin-based material for the chamber product. Xerxes Stormwater Solutions chamber system saves time, money and land, and offers greater LEED potential than other systems

ARCH TYPE SOAKAWAY: SUSTAINABLE UNDERGROUND STORMWATER MANAGEMENT

Stormwater management is an essential consideration in the design and construction of UAE infrastructure projects, where heavy rain events can lead to sudden water accumulation and potential flooding. The Arch Type Soakaway is an advanced underground stormwater management system that captures and manages surface runoff, directing it into a storage unit below ground. This system allows for gradual infiltration of water into the surrounding soil, providing a sustainable, low-maintenance solution that helps recharge groundwater, reduce erosion, and protect infrastructure from water damage.



OIL SEPARATOR



FEATURES:

Designed in accordance with: EN 858-1 Class 1

- Full Retention & Bypass separators
- Available with alarm system
- Tested and held in a saline environment
- Resists on ground with a water table up to outlet level
- Removable coalescence and easy maintenance

Oil Separator / Oil Interceptor

An oil separator is designed to trap hydrocarbons in runoff water. It must be preceded by a silt storage permits to trap a suspension matter (sand, gravel).

Simop manufactures wide range of Oil separators in Polyethylene and GRP

OIL SEPARATORS / OIL INTERCEPTORS: ADVANCED POLLUTION CONTROL SOLUTIONS

For effective hydrocarbon management, KSS Building Materials Trading LLC offers Oil Separator / Oil Interceptor systems designed to trap oils and other pollutants from surface water runoff. These Oil Separator / Oil Interceptor units feature a pre-installed silt storage compartment, which captures sand, gravel, and other suspended particles, ensuring a more comprehensive filtration process. Our Oil Separator / Oil Interceptor systems are manufactured by SIMOP in high-grade polyethylene and GRP, combining durability with environmental compliance.



Oil Separator / Oil Interceptor systems are particularly useful in industrial areas, transportation hubs, and other locations where oil spillage is a concern. By using KSS Building Materials Trading LLC's Oil Separator / Oil Interceptor, clients can prevent harmful substances from entering watercourses, promoting a cleaner environment. With their durable construction and effective pollutant-trapping capabilities, Oil Separator / Oil Interceptor units from KSS Building Materials Trading LLC provide an invaluable solution for effective water pollution control.

With the rapid industrial and urban growth in the UAE, controlling pollution from oil-laden runoff has become a top priority. Oil pollution from transportation hubs, industrial facilities, and commercial zones poses significant risks to public water systems, soil quality, and overall environmental health. Oil Separators (also known as Oil Interceptors) provide an efficient solution to capture hydrocarbons in runoff, preventing these contaminants from entering natural water bodies.

KSS Building Materials Trading LLC offers state-of-the-art Oil Separators designed to meet the specific needs of industrial, commercial, and municipal applications in the UAE. Our separators provide robust protection for public water systems, helping businesses comply with environmental regulations and reduce their environmental footprint. In this comprehensive guide, we explore the functionality, technical features, and benefits of Oil Separators and why they are an essential tool for environmental management in the UAE.

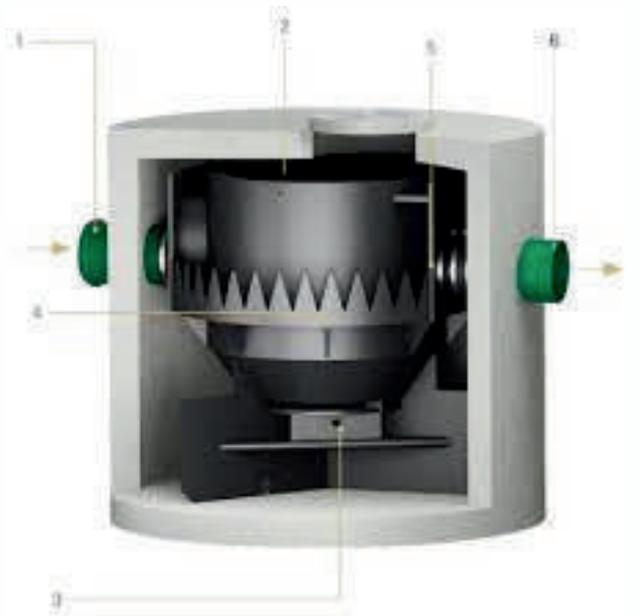
HYDRO DYNAMIC SEPARATORS



HYDRO DYNAMIC SEPARATORS: ADVANCED WATER TREATMENT FOR INDUSTRIAL POLLUTANT CONTROL

High-performance vortex hydrodynamic separator designed to remove Oil, suspended solids in order to protect the public waterways & Attenuation & infiltration tanks from pollutants of concern.

KSS Building Materials Trading LLC supplies Hydro Dynamic Separators, an advanced water treatment solution that removes pollutants such as oils and suspended solids from runoff water. Using vortex technology, Hydro Dynamic Separators are designed to create a centrifugal force that separates contaminants, effectively purifying water and protecting the surrounding environment. These Hydro Dynamic Separators are essential for sites where water pollution control is a priority, as they help maintain compliance with environmental standards.



Hydro Dynamic Separators are perfect for installation in industrial sites, construction areas, and commercial complexes where runoff contains harmful contaminants. The efficiency of our Hydro Dynamic Separators in capturing pollutants makes them an essential tool in sustainable water management. KSS Building Materials Trading LLC's Hydro Dynamic Separators offer a low-maintenance and long-lasting solution, designed to perform consistently in the most challenging conditions, ensuring water quality preservation and environmental safety.

In the UAE, protecting public waterways from contamination is a critical environmental and public health objective, especially as the region continues to expand its industrial footprint. Managing pollutants in water runoff is a pressing concern, and solutions like Hydro Dynamic Separators provide a powerful, efficient way to capture and remove harmful substances such as oil, sediment, and suspended solids before they can reach natural water sources. These separators employ advanced vortex technology, harnessing centrifugal forces to separate contaminants from water runoff, ensuring only clean water is discharged into the environment.

KSS Building Materials Trading LLC provides high-performance Hydro Dynamic Separators designed for a range of applications, from industrial sites to urban developments, to help safeguard the UAE's waterways. In this comprehensive overview, we delve into the functionality, applications, and benefits of Hydro Dynamic Separators, making a case for why they are essential in UAE-based water management projects.

HDPE FLAP VALVE



HDPE Flap Valve (HDPE)

Flap valves and flap gates are a type of non-return valve (NRV) used to prevent flooding and to stop water back-flowing up pipework connecting into ponds, ditches, swales, rivers and marine or tidal environments

HDPE FLAP VALVE (HDPE): A DURABLE NON-RETURN VALVE FOR FLOOD PREVENTION AND WATER LEVEL MANAGEMENT

The HDPE Flap Valve (HDPE) offered by KSS Building Materials Trading LLC is an effective non-return valve (NRV) that prevents flooding and controls backflow in various water systems. Made from high-density polyethylene (HDPE), the HDPE Flap Valve is durable, corrosion-resistant, and able to withstand harsh environmental conditions. This HDPE Flap Valve (HDPE) is particularly useful in flood-prone areas, where it can protect against water ingress during storms or high tides.



In regions like the UAE, where rapid urbanization and extreme weather events have increased the risk of flooding, effective water management solutions are essential for protecting infrastructure, public health, and natural ecosystems. HDPE Flap Valves, made from high-density polyethylene (HDPE), provide a durable, efficient, and low-maintenance solution for managing water levels and preventing backflow in areas prone to flooding. As a robust non-return valve (NRV), the HDPE Flap Valve allows water to flow in one direction while automatically closing to prevent any reverse flow when water pressure decreases, making it ideal for tidal zones, ponds, rivers, stormwater systems, and other water management applications.

KSS Building Materials Trading LLC offers high-quality HDPE Flap Valves made from HDPE, specifically designed for the unique needs of the UAE's infrastructure and environmental landscape. These valves are corrosion-resistant, lightweight, and designed to provide long-term reliability in challenging environments. This guide explores the functionality, technical features, benefits, and applications of HDPE Flap Valves and explains why they are a vital tool for flood prevention and water level management in the UAE.

For UAE-based municipalities, industrial facilities, and agricultural operations seeking reliable backflow prevention, HDPE Flap Valves provide a cost-effective and sustainable option. By investing in HDPE Flap Valves, businesses and government agencies can enhance their flood prevention infrastructure, protect water resources, and contribute to a safer, more resilient environment in flood-prone areas. Whether installed in coastal outfalls, drainage channels, or industrial discharge points, HDPE Flap Valves are an essential component of modern, effective water management in the UAE.

AUTOMATIC GREASE SEPARATOR



GREASE SEPARATORS: FREE-STANDING WITH AUTOMATIC DISPOSAL

- Approved according to EN1825-1 standard
- Grease separator provides efficient grease removal and prevents the pipelines from clogging;
- No bad odor- complete odour-tightness;
- Convenient allocation in the room- the grease separator is maintained from one side therefore it can be set up next to the wall;
- Easy selection of flow direction to fit into the layout of existing pipelines;
- Simple and convenient maintenance;
- Models with manual and automatic disposal available;
- Lightweight - easy to transport;

Automatic Grease Separator

A typical application of grease separator is the treatment of wastewater containing FOG (Fat, Oil & Grease) from hotels, restaurants, cafeterias and other catering or food processing operations.

GREASE SEPARATORS: UNDERGROUND

- Grease separator prevents grease from entering the pipelines to prevent them from clogging;
- Easy installation - the solid and light structure;
- Rigid body;
- Telescopic maintenance shaft;
- Very simple maintenance;

AUTOMATIC GREASE SEPARATOR: ESSENTIAL FOG MANAGEMENT FOR FOOD SERVICE INDUSTRY

The Automatic Grease Separator from KSS Building Materials Trading LLC offers a highly efficient method for managing fats, oils, and grease (FOG) in wastewater systems. This Automatic Grease Separator is ideal for applications in food service establishments such as hotels, restaurants, and cafeterias, where high FOG levels can lead to drain blockages and health hazards. By capturing grease before it enters the drainage system, the Automatic Grease Separator reduces maintenance costs and promotes safer, more hygienic environments.



FLOOR DRAINS & KITCHEN DRAINS



FLOOR GULLY / KITCHEN CHANNELS: HYGIENIC AND DURABLE DRAINAGE SOLUTIONS FOR FOOD PREPARATION IN UAE KITCHENS

KSS Building Materials Trading LLC supplies Floor Gully / Kitchen Channels by a top-tier manufacturer known for producing high-quality stainless steel drainage systems. These Floor Gully / Kitchen Channels provide a hygienic, durable solution for commercial kitchens, food processing facilities, and industrial sites where sanitation and cleanliness are essential. The stainless steel construction of Floor Gully / Kitchen Channels ensures resistance to corrosion, simplifying maintenance and promoting longevity.

These drainage solutions are not only functional but also feature designs that are easy to clean, corrosion-resistant, and suitable for a range of applications in food preparation areas, catering facilities, and industrial kitchens. In this guide, we'll explore the functionality, technical features, and benefits of Floor Gullies and Kitchen Channels and explain why they're essential for food service operations in the UAE.



LANDSCAPE PRODUCTS



DRAINAGE CELLS



GEOCELLS



GEOCELL TREEPITS - ARBORFLOW



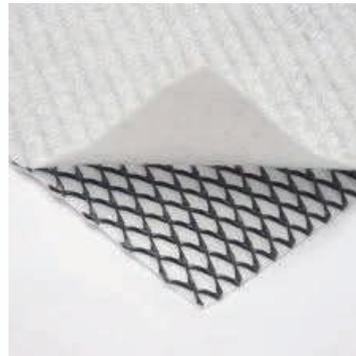
PLANTER DRAINS



LANDSCAPE PRODUCTS



ROOT GUARD



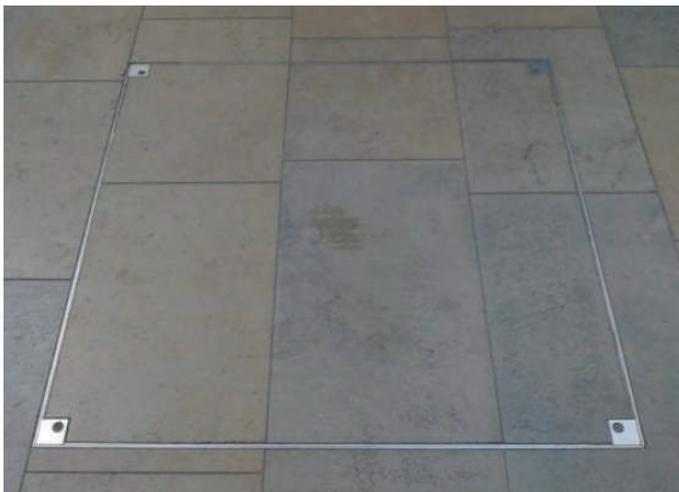
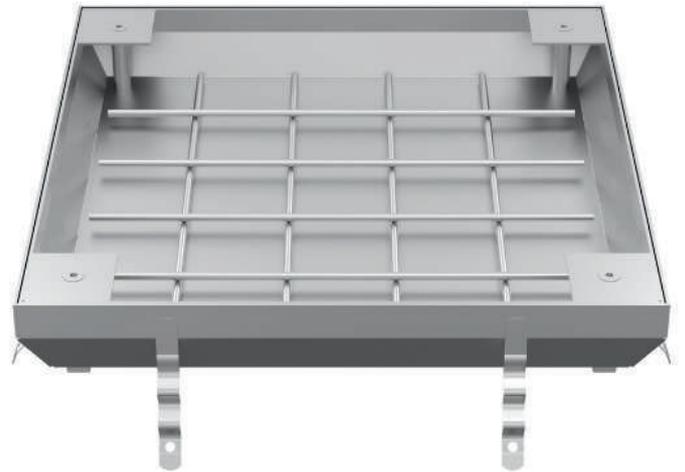
SALT BARRIER

KSS Building Materials Trading LLC offers a comprehensive range of landscape infrastructure solutions designed to meet the functional and environmental demands of modern UAE developments. Our portfolio includes Drainage Cells, Geocells, Geocell Tree Pit Systems (Arborflow), Planter Drains, Root Guards, and Salt Barriers—each engineered to enhance soil performance, structural stability, and water management efficiency. These systems are widely used in podium decks, rooftop gardens, public parks, commercial plazas, residential communities, road medians, and large-scale infrastructure landscaping projects across Dubai, Abu Dhabi, Sharjah, and other Emirates.

In the UAE's harsh climate, where high temperatures, sandy soil conditions, and intensive irrigation are common, proper subsurface drainage and soil stabilization are critical. Drainage cells regulate water flow and prevent waterlogging, while geocells reinforce weak soil and control erosion in landscaped slopes and embankments. Arborflow tree pit systems support healthy root development beneath paved areas, allowing trees to thrive in urban environments without compromising pavement integrity. Planter drains ensure effective water discharge in elevated landscapes, while root guards protect underground utilities and pavements from invasive root growth.

For coastal and saline-prone regions, KSS Salt Barrier systems provide additional protection against salt intrusion, preserving plant health and extending landscape longevity. Together, these solutions deliver durability, sustainability, and long-term structural performance, ensuring that landscaping projects maintain both aesthetic appeal and engineering integrity. By integrating advanced materials and proven design principles, KSS supports the UAE's vision for greener, smarter, and more resilient urban developments.

STAINLESS STEEL MANHOLE COVER



Stainless steel manhole cover

KSS offers recessed and solid access covers made up stainless steel, Galvanized steel & aluminium material for load class up to F900

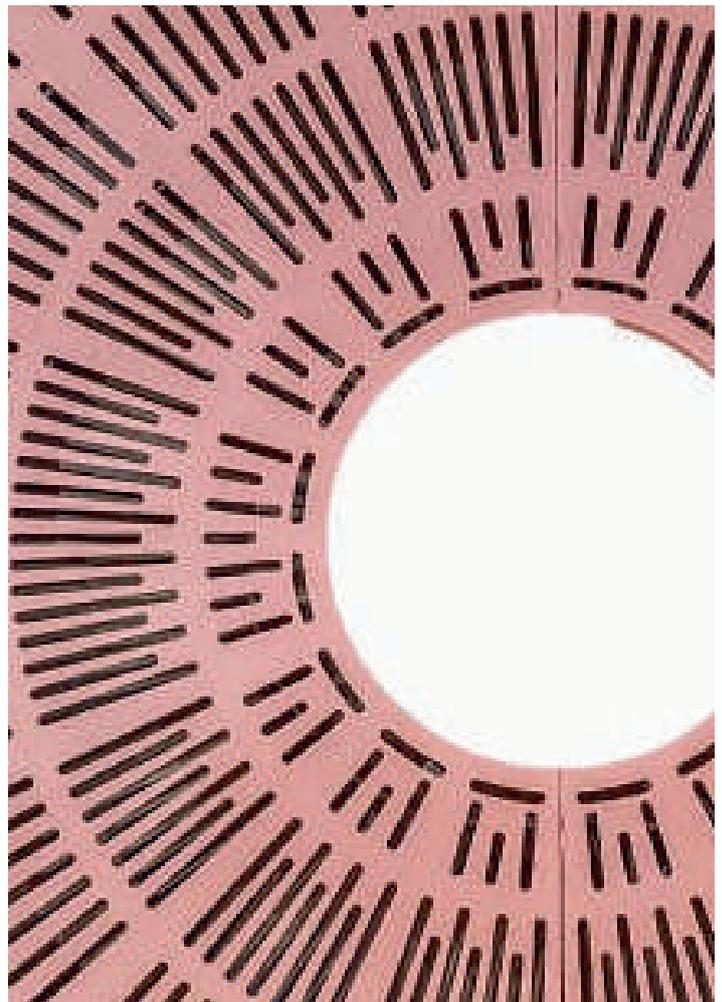
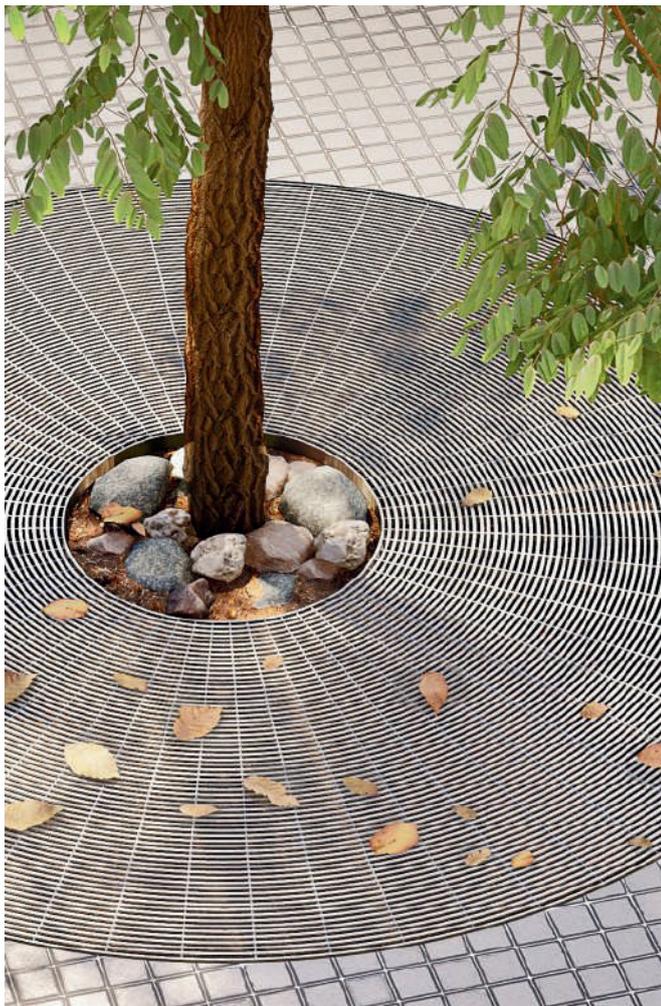


At KSS Building Materials Trading LLC, we provide a comprehensive range of Stainless Steel Manhole Covers tailored to meet the unique demands of the UAE's infrastructure. These covers are designed for areas with high traffic and heavy load requirements, from city streets and highways to industrial zones and commercial complexes. Engineered to withstand harsh environmental conditions and high load classes, our Stainless Steel Manhole Covers offer safe, long-lasting access solutions for the UAE's diverse utility areas. This guide explores the functionality, technical features, benefits, and applications of Stainless Steel Manhole Covers and explains why they are an essential component for infrastructure in the UAE.

TREE GRATINGS

Tree gratings are manufactured using high-performance materials selected for strength, corrosion resistance, and long service life. Available material options include Ductile Iron for heavy-duty applications and **Stainless Steel Grade 304 or Grade 316** for environments requiring enhanced corrosion resistance and a refined architectural finish. These materials ensure excellent load-bearing capacity, resistance to weathering, and compliance with demanding urban and commercial standards.

With a combination of structural integrity, functional performance, and clean architectural detailing, tree gratings represent a reliable solution for modern landscape and infrastructure projects.



DUCTILE IRON MANHOLE COVERS



APPLICATIONS:

- Landscaping
- Gardens
- Parking Areas
- Highways
- Seaports
- Airports



DI Manhole Covers

Our ductile iron manhole covers, gully gratings, kerb gullies, catch basin covers, trench gratings, and multi-part ductile iron covers are manufactured in accordance with ISO 1083 Grade 500/7. Some products are Kitemark certified to EN 124 by BSI. Standard bitumen coating is provided; epoxy coating is available on request at an additional cost. Special badging can be provided on request. GRP sealing plate provision is available on many products.

Load classes are available from A15 to F900.

These covers are engineered to provide exceptional strength, impact resistance, and long-term structural stability under varying traffic and environmental conditions. Manufactured using high-quality ductile iron, they offer superior load-bearing performance while maintaining dimensional accuracy and surface integrity. The precision casting process ensures a secure fit within frames, reducing movement, noise, and maintenance requirements over time. With a focus on durability and operational safety, KSS DI covers are designed to withstand heavy vehicular loads, frequent access cycles, and harsh climatic exposure.

OUR MAJOR CLIENTS



OUR PARTNERS





KSS BUILDING MATERIALS TRADING

Jebel Ali, Dubai, United Arab Emirates (Head Office)

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