



Fosroc Solutions for the Water Industry

www.fosroc.com



constructive solutions

ABOUT FOSROC INTERNATIONAL

Since the company's beginnings over 80 years ago, Fosroc has developed into an International leader in delivering Constructive Solutions for projects across a broad range of market segments including transport, utilities, industrial and general buildings.

Fosroc's commitment to customer service and technical support is second to none. We work closely with architects, structural engineers, contractors and owners to best understand their requirements. Together we can develop a bespoke solution for a construction project, adding value and becoming more than just a materials supplier, but a solution provider.

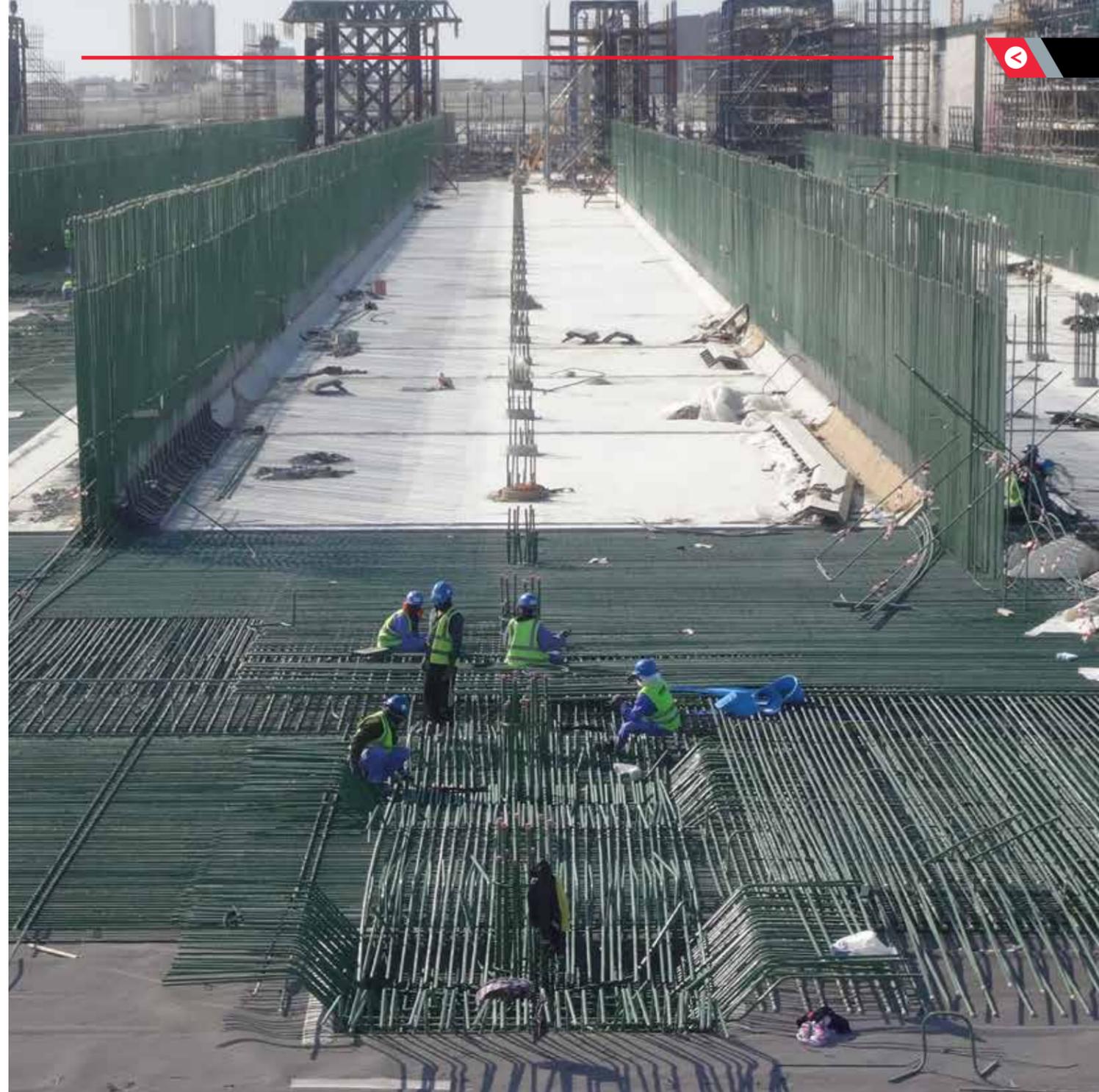
Fosroc has an extensive network of offices and manufacturing locations across Europe, the Middle East, Africa, India, North, South and East Asia, and is further represented in other regions across the world by distributor and licensee partners.

Selecting from the full portfolio of Fosroc products and services and integrating expert technical support, world class customer service and innovation, Fosroc goes beyond just product selling to ensure that we partner with our customers to deliver complete constructive solutions.

- > Admixtures
- > Adhesives
- > Protective Coatings
- > Concrete Repairs
- > Industrial Flooring
- > Grouts & Anchors
- > Joint Sealants
- > Surface Treatments
- > Grinding Aids
- > Waterproofing

FOSROC DELIVER SOLUTIONS NOT JUST PRODUCTS

CAD Details A library of standard CAD details are available, bespoke CAD details can be created for your specific project	Project Specifications Dedicated specification managers on hand to assist with correct system choices and tailored solutions	Site Support Expert product and application support made available from our specialist teams.	Seminar & Training Comprehensive programme of seminars and training courses designed to expand and reinforce your knowledge.
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FOSROC WATER INDUSTRY EXPERIENCE

FOSROC's extensive experience in providing constructive solutions to many water industry structures around the world has been built on a broad portfolio of products. These include waterproof membranes, waterstops, joint sealants, concrete repair mortars, protective coatings, grouts and concrete admixtures manufactured to the highest quality standards backed by independent test certificates.

At Fosroc we liaise and evaluate with our customers the most appropriate solution for what they are trying to achieve. We just want to deliver what is best to the customer providing solutions for engineering problems to ultimately find a number of ways to create value.

The Mega reservoirs project in Qatar is a good example of where Fosroc were entrusted with supplying massive quantities of Proofex Engage membrane along with Supercast PVC and Supercast SW swellable waterstops. Many other large projects have Fosroc Nitocote coatings and Nitoseal sealants ensuring long service life in this severe environment.

Leader in delivering
Constructive Solutions
Worldwide!



The water industry provides drinking water and wastewater services (including sewage treatment) to residential, commercial, and industrial sectors of the economy. Typically public utilities operate water supply networks. Access to clean water and sanitation is important to prevent the spread of disease.

Regulations governing the products that can be used in direct contact with potable water are strict but vary from country to country. The Water Regulations Advisory Scheme (WRAS), a UK-based organisation is well known for its high standards of certification and is quoted in many countries.

Product systems applied in Sewage work projects (dirty water) must be able to withstand the aggressive liquids they come in contact with. Concrete will deteriorate over time in this environment if not suitably protected using high performance coatings.

Fosroc have an extensive range of approved clean and dirty water products which have long track records in projects across the world.

CASE STUDY

WATER TREATMENT PLANT

JUBAIL INDUSTRIAL CITY - SAUDI ARABIA



The industrial water being treated contains high concentrations of chemicals. Fosroc with its wide range of coating solutions succeeded to cover all the specification requirements. Technical support by the local Fosroc team was conducted intensively to assure best results were achieved. The expansion added 20 concrete tanks. Nitocote EN901, Nitomortar HB, Nitocote EPS and Thioflex 600 were among the many Fosroc products applied in this project.

CASE STUDY

CLEAN WATER RESERVOIR

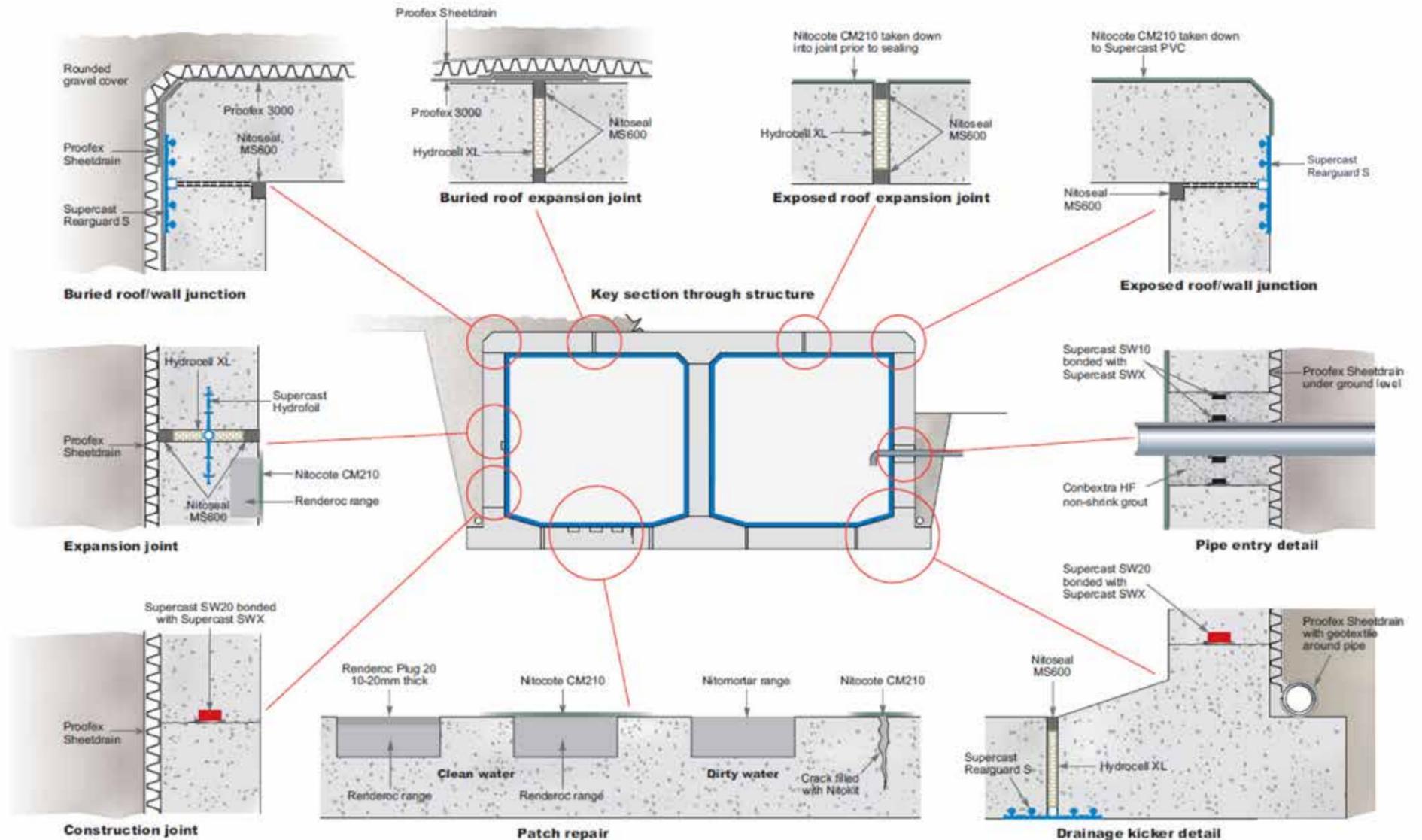
STANBOROUGH - UK

The construction of a new 6.6 megalitre concrete reservoir required the waterproofing of all joints.

Fosroc provided Supercast PVC waterstops for all expansion joints and Supercast SW20 swellable waterstops for all construction joints. The expansion joints were sealed internally using WRAS approved Nitoseal MS600 joint sealant.



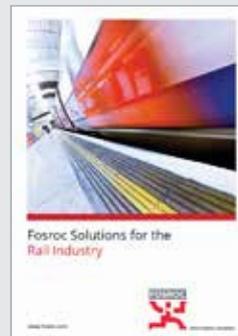
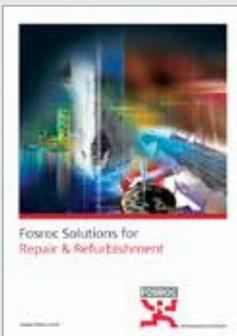
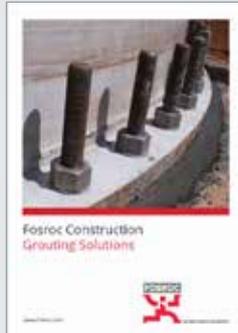
TYPICAL DETAILS - FOSROC SOLUTIONS



Dirty Water Applications	Fosroc Solution	Description
Clarifier tanks	Nitocote ET/NT 402	Protective coatings
	Dekguard PU	Protective coating
	Supercast PVC	Joint waterstops (PVC)
	Nitoseal MS600	Joint sealant
Sedimentation tanks	Nitocote ET/NT 402	Protective coatings
	Nitocote EP403	Protective coating
	Polyurea WPE	Protective coating
	Dekguard PU	Protective coating
	Supercast PVC	Joint waterstops (PVC)
	Nitoseal MS600	Joint sealant
Sludge digestion tanks	Nitocote EP403	Protective coating
	Polyurea WPE	Protective coating
	Supercast PVC	Joint waterstops (PVC)
	Nitoseal MS600	Joint sealant

Clean Water Applications	Fosroc Solution	Description
Sedimentation tanks Filtration tanks Disinfection tanks	Supercast PVC	Joint waterstops (PVC)
	Supercast SW20/30	Joint waterstops (Swellable)
	Hydrocell XL	Joint filler board
	Nitoseal MS600	Joint sealant
	Renderoc Range	Rapid setting repair mortars
Potable water tanks / reservoirs	Nitocote CM210	Protective coatings
	Nitocote EP405	
	Polyurea WPW	
	Supercast PVC	Joint waterstops (PVC)
	Supercast SW20/30	Joint waterstops (Swellable)
	Hydrocell XL	Joint filler board
	Nitoseal MS600	Joint sealant
	Proofex 3000	Waterproofing membrane
Proofex Sheetdrain	Drainage membrane	
Proofex Engage	Waterproofing membrane	

Fosroc offers a full range of construction chemical solutions, helping to protect structures throughout the world. Please refer to our brochures, which include:



Details of your local Fosroc office can be found at www.fosroc.com

Important Note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.



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