

www.fosroc.com



constructive solutions

Water Industry

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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.

CHC/11/13/PK



Our profile

Since the company's beginnings over 50 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 has an extensive network of offices and manufacturing locations across Europe, the Middle East, India, North and South Asia, and is further represented in other regions across the world by distributor and licensee partners. For details of your local offices, please refer to www.fosroc.com.

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.

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



how we can help you

Fosroc have a long history of working together with clients, consultants and contractors on projects all over the world. Presentations, seminars and project demonstrations, along with project specific specifications, technical assistance, method statements and warranties can be provided to ensure the best project solution can be selected. Please contact your local Fosroc office for more details.

- Seminars
- Project specifications
- CAD details
- Site support



Introduction

Welcome to the Fosroc Water Industry brochure dedicated to providing the complete solution for repairing and waterproofing both clean and dirty water structures.

We have summarised the current regulations, shown typical details which will lead you to two simple product selectors.

This information will ensure that you specify the appropriate approved Fosroc products.



effective
solutions

Public water approval regulations

Regulation 27

of the Water Supply (Water Quality) Regulations 2001 in Scotland

Regulation 30

of the Water Supply (Water Quality) Amended Regulations 2009 in N. Ireland

Regulation 31

of the Water Supply (Water Quality) Regulations 2000 in England or Water Supply (Water Quality) Regulations 2010 in Wales

Product approval required for use in public water supply

Regulation 31 paragraph (4)(a)

of the Water Supply (Water Quality) Regulations 2000 in England or Water Supply (Water Quality) Regulations 2010 in Wales

Where a significant surface area of a product is in direct contact with drinking water. Applies to pipes and reservoirs

- Internal coatings
- Surface repairs

Regulation 31 paragraph (4)(b)

of the Water Supply (Water Quality) Regulations 2000 in England or Water Supply (Water Quality) Regulations 2010 in Wales

Where products are unlikely to affect adversely the quality of drinking water due to the low area of contact. Requires WRAS approval/listing

- Joint sealants
- Joint filler boards
- Waterstops

Material not requiring approvals

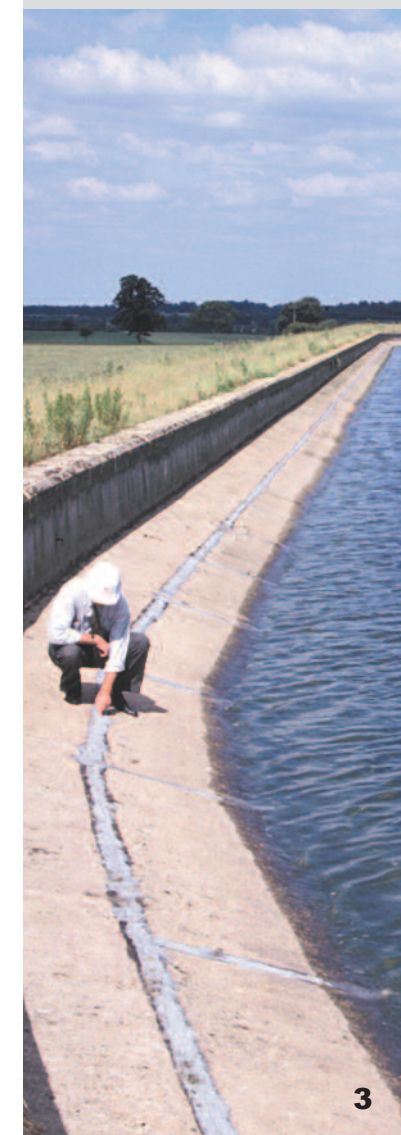
Where products will not come into contact with drinking water

WRAS Approval

Water Regulations Advisory Scheme

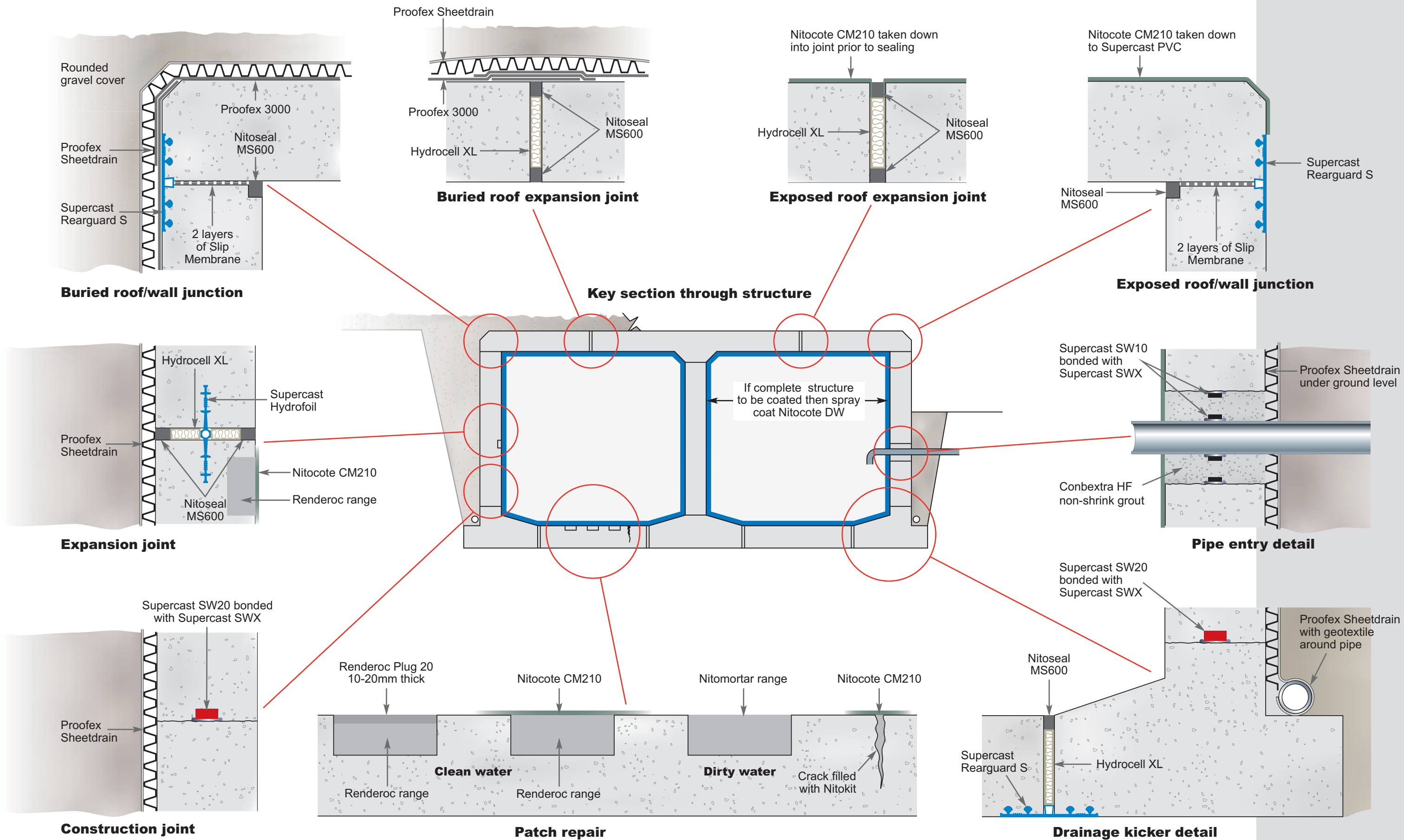
Materials used in customers' premises in contact with potable water

- Internal coatings
- Surface repairs
- Joint sealants
- Joint filler boards
- Waterstops



Cross sections through typical structure

- clean and dirty water





Fosroc Water Industry solutions

Clean water - product selector

Products approved under Regulation 31 for use in direct contact with drinking water

Internal coating

Nitocote CM210

Cementitious coating

Patch repairs

Renderoc Plug 20

Rapid setting plugging mortar

WRAS Approved material.
Products exempt under Regulation 31 paragraph 4b, low surface area of contact

Waterstops

Supercast PVC

PVC waterstops for expansion

Supercast SW

Hydrophilic waterstop

Joint sealants

Nitoseal MS600

One part MS sealant

WRAS Approved material

Internal coating

Nitocote EP405

Solvent free epoxy resin coating

Surface repairs

Renderoc ST 05

Cementitious coating

Product not requiring approval

Externally waterproofing membrane

Proofex Engage

Pre-applied waterproof membrane

Externally waterproofing membrane

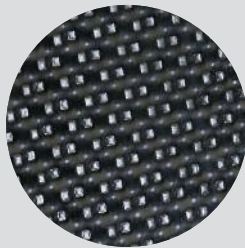
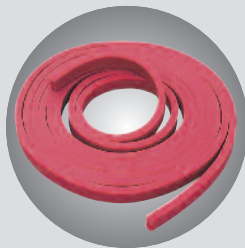
Proofex 3000/MR

Self adhesive waterproof membrane

Externally placed drainage membranes

Proofex Sheetdrain

High density drainage membrane



Dirty water - product selector

Dirty water product selector

Internal coating

Nitocote EP403

Epoxy waterproof coating

Surface repairs

Nitomortar range

Resin repair mortars

External waterproof membranes

Proofex 3000

Self adhesive waterproof membrane

Nitocote CM210

Flexible cementitious coating

Waterstops

Supercast PVC

PVC waterstops for expansion joints

Supercast SW

Hydrophilic swellable waterstop

Drainage membranes

Proofex Sheetdrain

High density drainage membrane

Joint sealants

Nitoseal MS600

One part flexible sealant

Nitoseal 12

Two part flexible sealant

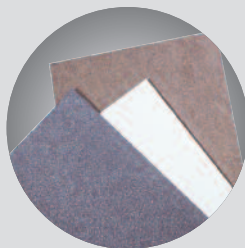
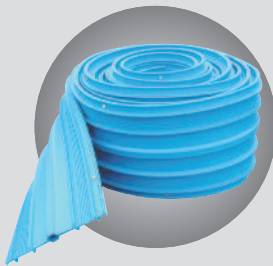
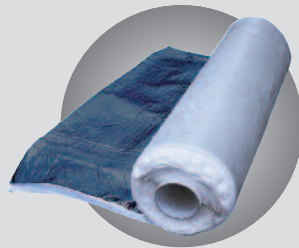
Expansion joint filler boards

Hydrocell XL

Non-absorbent polyethylene joint filler

Expandafoam

Polyethylene joint filler and bond breaker



80 years experience