



Joint Sealants & Foam Fillers

Uniseal 150

Uniseal 200/90
Coldpour

Uniseal 280

Epicon ARG

Nucell



www.nufins.com



About Us

As part of USL Group, Nufins has supplied materials to numerous projects since 1966 including power stations, water treatment schemes, ports, airfields, highways, bridges and tunnels. We take innovation seriously and we believe that this is necessary for a manufacturing company to prosper in our highly competitive industry. Nufins' investments in our laboratory and production facilities have enabled the development of innovative products, thereby helping to improve effectiveness and efficiency on construction sites.

Nufins has a global reputation for manufacturing and supplying high quality specialist products for highway maintenance, waterproofing, structural grouting, joint-sealing, corrosion control, concrete repair and protective coatings for concrete structures. For further information visit our interactive website www.nufins.com

Industry Accreditation

Nufins recognises the importance of membership to industry-affiliated specialist organisations, allowing us to keep in close contact with latest industry developments. We work in partnership with architects, consultants and contractors to improve product technology, quality and performance, thus benefiting all stakeholders in all aspects of the construction industry.

Materials are manufactured under the ISO 9001 Quality Management Scheme. All products for use in the repairs and protection of concrete structures are tested in accordance with BS EN 1504 and carry the CE label, thus providing Nufins' customers with confidence in the quality and reliability of our specialist product range.



OUR COMPLETE RANGE

- Concreting Chemicals
- Concrete Repair & Technical Mortars
- Concrete Protection
- Structural Grouting & Anchoring
- Bedding Mortars & Streetscape
- Joint Sealants & Fillers
- Industrial Flooring
- High Friction Surfacing &
- Waterproof Coatings
- Leak Sealing & Resin Injection
- Adhesives & Cleaning
- Surface Mounted Tactile Paving
- Accessories

A comprehensive range of Joint Sealants to meet your requirements



Nufins' joint sealants are manufactured to the highest standards, backed by independent testing and have long been respected by clients, designers and contractors to provide long term durability in structures and buildings in the UK and Overseas.

Whether to prevent the ingress of wind, rain, sound, water or aggressive chemicals from degrading your structure, Nufins is the manufacturer of choice; assisting you with expert technical advice and guidance in selecting the appropriate sealant.

From warehouse floors, water treatment works and retaining walls, to installations around sea ports, highways, and airfields, we have the best solution for your project.



Cost effective project specific solutions

Easily applied one and two-component systems

Proven technologies ensuring long term durability

Expert technical advice and customer service

www.nufins.com



Uniseal 150



One Part Low Modulus Polyurethane Sealant

Description:

Uniseal 150 is a high performance one part low modulus polyurethane sealant specifically developed for the sealing of contraction and expansion joints.

System Benefits

- One part therefore ready to use
- Excellent acoustic ratings
- Excellent resistance to weathering
- Permanently flexible
- 25% total joint movement

Standard Colours



Black

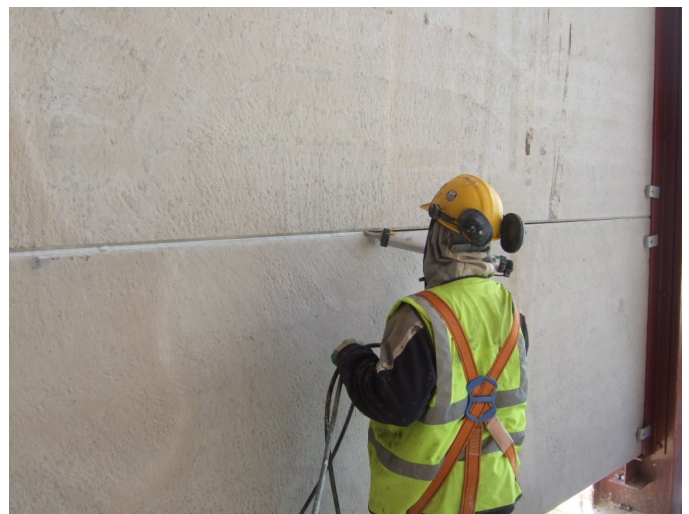
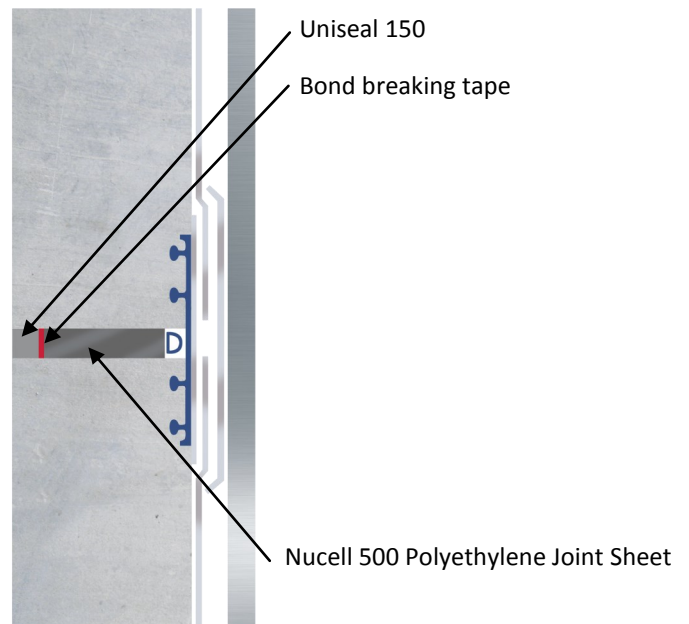


Grey

Applications

- Movement joints in concrete, masonry, and blockwork
- Perimeter pointing around window and door frames
- Cladding seals within lightweight modular systems
- Acoustic jointing
- Vertical movement joints in columns and perimeter walls
- Water treatment works
- Parapet walls on highway structures
- Warehouse floors & goods yards

Typical Detail - Pedestrian Subway/Tunnel



Uniseal 200/90 Coldpour



High Performance, Pitch Free Pavement Sealant

Description:

Uniseal 200/90 Coldpour is a pitch free high performance two part elastomeric sealant specifically developed for sealing contraction and expansion joints. It is capable of accommodating above average movement and severe climatic conditions.

System Benefits

- Contains no pitch or tar
- Cold applied
- Self levelling
- Very high elongation value
- 30% movement accommodation
- Resistant to oil, fuel, hydraulic fluids
- Tolerant to severe climatic conditions
- 1:1 mixing ratio by volume
- Suitable for machine mixing & application

Standard Colours



Black

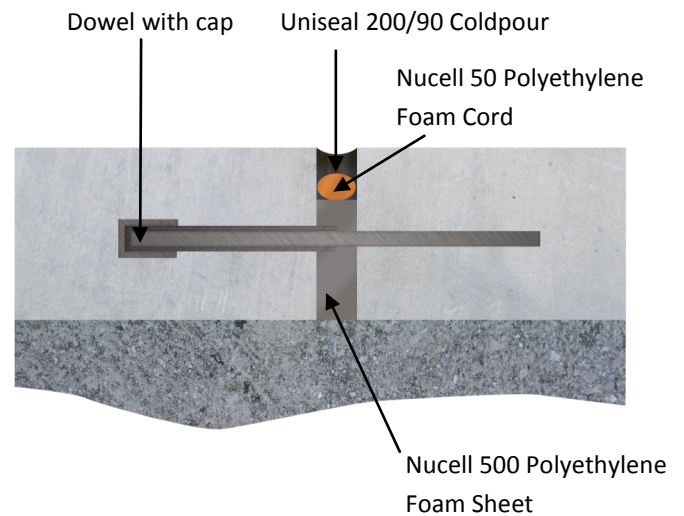


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Applications

- Roads & highways
- Paved areas
- Bridge decks
- Transport depots
- Loading docks
- Airfield hard-standings & taxiways
- Fuel filling stations

Typical Detail - Concrete Pavement



N.B. In the event of a **refurbishment** the use of Nucell 50 & Nucell 500 would be advisable.

For **new build** Nucell 500 ONLY is required.



Uniseal 280



Polyurethane Joint Sealant

Description:

A two component polyurethane sealant characterised by its inbuilt flexibility, even at low temperatures, excellent adhesion and resistance to a wide range of chemicals. Available in Gun-grade and Pouring grade.

System Benefits

- Cold applied
- Non-sag type
- Good movement accommodation
- Resistant to oil, fuel, hydraulic fluids
- Tolerant to climatic conditions
- Suitable for machine mixing and application

Standard Colours



Black

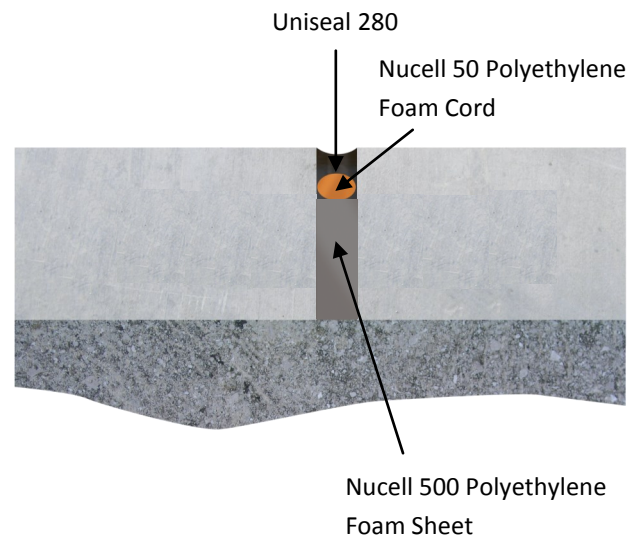


Grey

Applications

- Roads & highways
- Paved areas
- Bridge decks
- Transport depots
- Loading docks
- Airfield hard-standings & taxiways
- Fuel filling stations

Typical Detail - Factory Floor



N.B. In the event of a **refurbishment** the use of Nucell 50 & Nucell 500 would be advisable.

For **new build** Nucell 500 ONLY is required.



Rapid Curing Gap Filler & Joint Sealant

Description:

A two component cold applied flexible epoxy resin joint sealant designed for use as a moisture tolerant flexible repair system. In addition, **Epicon ARG** is a versatile high flow resin which can be used for the repair of cracks and joints or when blended with coarse aggregate for large area repairs.

System Benefits

- No primer required
- Excellent bond strength to steel, concrete, and bitumen surfacing
- Resistant to road salts and fuel oil
- Hard wearing and flexible - long service life
- Self levelling
- Moisture tolerant
- Rapid cure even at low temperatures
- Vehicular traffic after 2 hours @ 20°C
- Waterproof

Standard Colours

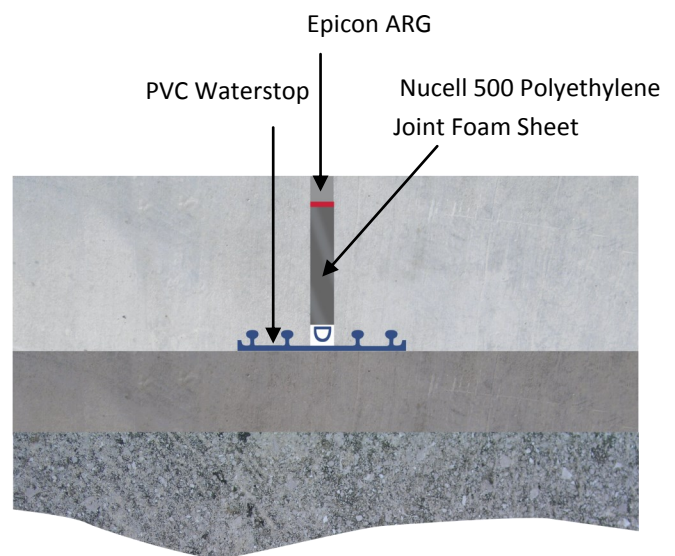


Black



Grey

Typical Detail - Floor Joint



Applications

- Airfield hard-standings & taxiways
- Rail station platforms
- Port facilities
- Commercial property & shopping malls
- Warehouse floors
- Car parks
- Joint filling on decks, yards & roads
- Crack repair
- Large section repairs
- Coastal works within tidal range



Joint Foam Filler Cord & Sheets

Description:

Joint fillers used for forming joints in new pavements or forming slots in building & civil engineering structures.

System Benefits

- Excellent recovery after compression
- Non-absorbent and rot proof
- Low load transfer
- Reducing noise/vibration

PRODUCT	DESCRIPTION
Nucell 50	Fine cell, crosslinked, closed cell polyethylene foam cord. High performance joint filler & backing cord. 33kg/m ³ white
Nucell 100	Fine cell, crosslinked, closed cell polyethylene foam sheet. High performance joint filler. 33kg/m ³ white/cream
Nucell 500	Potable water grade high density, crosslinked, closed cell. Polyethylene sheet. High performance joint filler. 70kg/m ³ black

* NOTE: Special sizes & cut strips available upon request.

Nucell 50 Polyethylene Foam Cord



Nucell 500 Polyethylene Foam Sheet



Project Case Studies



Project: Camp Bastian Military Base,
Afghanistan

Client: Kellogg Brown Root

Scope: Application of **Uniseal 200/90**
Coldpour airport runway sealant.



Project: Nottingham LTR,
United Kingdom

Client: Alstom

Scope: Application of **Uniseal 280** to track
rail.



Project: Changi International Airport,
Singapore

Client: Pitchmastic PmB Asia Pacific

Scope: Airport runway sealant.

Head Office

Kingston House

3 Walton Road

Pattinson North

Washington

Tyne & Wear

NE38 8QA

T: +44(0)191 416 8360

E: info@usluk.com

W: www.nufins.com