

Néodyl®

Waterproofing system for structural expansion joints



► Ensures the continuity of the waterproofing between different structures

► Convenient: applied by traditional torch-welding

► Suitable for all roof substrates

Packaging

The Néodyl System comprises the Joint Néodyl waterproofing strip, the Cordon Néodyl preformed packing cord and a protection system

■ Joint Néodyl strip

Length: 10m
Widths: 1.00, 0.66, 0.5 and 0.33m
Weight/roll (approx.):
1.00m: 62kg
0.66m: 40kg
0.50m: 31kg
0.33m: 20kg

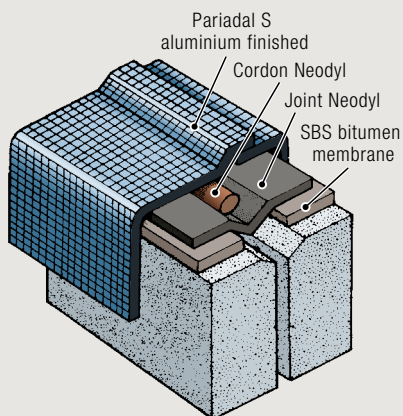
■ Cordon Néodyl cord

Diameter: 3cm
Length: 10m
Weight: 11kg

Main uses

Waterproofing for expansion joints on accessible roofs (pedestrians), roof gardens and inaccessible roofs.

Description



Joint Néodyl strip

- SBS elastomeric bitumen binder, but without reinforcement.
- Thickness of the strip: 5mm.
- Surfacing: both faces covered with non woven synthetic fibre.

Cordon Néodyl cord

- Flexible extruded cord made from synthetic rubber.

Performances

Joint Néodyl strip

- Modulus at 100%: 90 daN/cm².
- Elasticity range: 100%.
- Cold flexibility: -25°C.
- Tearing resistance at 20°C: no tearing after 1,000% elongation.
- Heat flow: ≤2mm (90°C/2h).
- Thermal stability: 1mm per meter at +80°C

Cordon Néodyl cord

- No absorption of water.
- Elongation at break: >200%.
- Heat resistance: continuously from -50°C to +80°C.

Complementary information

- Avis Technique French Agrément.

Customs nomenclature

- Joint Néodyl: 60.07.10.19.0.00.0.P
- Cordon Néodyl: 40.08.19.00.0.00.0.I

Safety

Néodyl is not rated as dangerous (for the applications described in this document).

This document is only a guide. Siplast-Icopal reserves the right to change the composition and fixing recommendations of products as a result of evolution of knowledge and technology.



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ISO 9001
BUREAU VERITAS
Certification



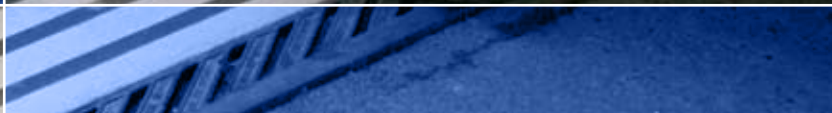
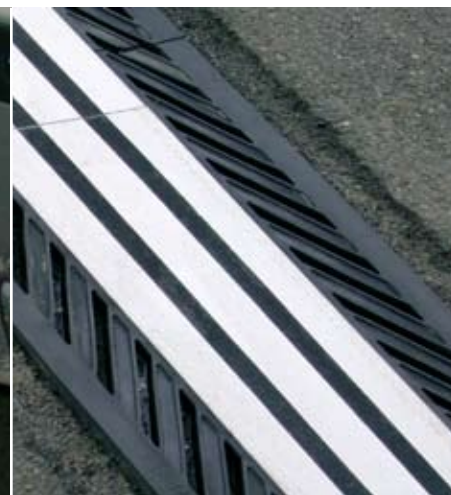
Awarded to all sites of the company

Paradyl

System for car-park flat expansion joints



N3-15 - 05/09 - Photos : Icopal - R.C.S. Nanterre B 552 100 984
These drawings are not contractually binding.



▶ Resistant to climatic and traffic stresses

▶ Easy to apply

▶ Convenient for maintenance

Packaging

Kit of 1 linear metre fitted with:

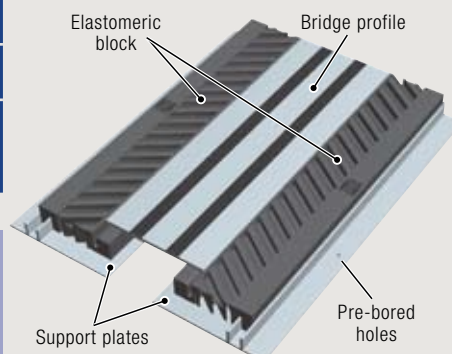
- 2 supporting plates
- 2 elastomeric rubber blocks
- 1 cover profile
- 1 pack of fixings

Weight: approx. 17kg/lm

Main uses

Protection system for waterproofing of flat car park expansion joints. Paradyl is complementary to Neodyl waterproofing system for structural joints.

Description



Supporting plates in pultruded resin:

- Dimensions (L x W x H): 1,000 x 215 x 5mm.
- Weight: 2.4kg/ml

Elastomeric rubber blocks interlocked with supporting plates:

- Dimensions (L x W x H): 1,000 x 150 x 45mm.
- Weight: 5.4kg/ml

Cover profile in resin, fitted to elastomeric rubber blocks:

- Dimensions: 1,000 x 200 x 7.5mm.
- Weight: 3.0kg/ml.

Performances

Cover profile:

- Strength to transversal bending: 260MPa.
- Elastic modulus: 14,000MPa.

Elastomeric rubber blocks:

- Stiffness: horizontally: 10N/mm; vertically: 300N/mm.
- Horizontal deformation withstanding a mini 20mm shift.

Application

Described in the manual of application.

Complementary information

- French technical certification: CSTB N° 1288.

Customs nomenclature

- 39.21.90.30.0.00.0.N.

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