



# CONTOPP®

**NANOSILIN 20Z**

**Article number: 20.620**

## Technical Leaflet

### Function

- For a firm adhesion and anchoring of adhesives on the cement surface.
- For filling and sealing small cracks in the cement surface.
- Increased bond stress in the entire cross-section of the penetration depth (up to 3 cm).
- Increased surface strength

## CHARACTERISTICS

### Application area

- Saponification-resistant hardening of cement surfaces.
- Suitable for synthetic- and cement-based adhesives.

### Data

Colour:	reddish
Form:	liquid
Density (20 °C):	1.12 ± 0.02 g/ml
Processing temperature:	as of 5°C up to 25°C
Shelf life:	c. 12 months – protect from frost and direct sunlight
Supply form:	PVC can: 20 kg net
	Poly drum: 240 kg net
	Container: 1.200 kg net

## TECHNICAL DATA

### Base preparation

- For CONTOPP® Nanosilin 20Z, the cement-bonded base must be absorbent (porous), load-bearing, fine-grained, free from silt, dust and loose parts (if necessary these must be removed using an industrial vacuum); it must also be free from oil, grease and other impurities that could have a separating effect.
- Nature of construction and construction site preparation following BS 8204-1 and 8000.

## PROCESSING INFORMATION

### Processing

- Undiluted depending on the absorptive capacity of the base, spray about 100 – 300 g/m<sup>2</sup> on the screed surface.
- Application can take place using a hose, roller or brush.
- The CONTOPP® hardener Nanosilin 20Z does not form a film – it is open porous.
- Try out a test area in order to check if a sufficiently deep hardening is being achieved.

### Follow-up treatment

- A subsequent coating of CONTOPP® Nanosilin 20Z can take place after 24 hours drying time.
- Adhesives containing solvents may only be applied after the complete reaction and drying. Carry out a hair hygrometer test in accordance to BS 8203 or the CM (Carbide Bomb) measurement according to the European standards.
- It is possible to further process using PU-based systems!

**Compatibility with CONTOPP® products**

CONTOPP® Nanosilin 20Z can be used with all products of the CONTOPP® series that have been used in overlay and underlay surfaces.

**Safety**

- Always observe general work hygiene when using our products.
- CONTOPP® hardeners are solvent-free, chloride-free and safe in terms of organic architecture.
- Our products do not deteriorate when stored properly (see data). Therefore, the stability and reactivity is not affected by storage up to 12 months.
- You can find out more information on handling CONTOPP® hardeners from our safety data sheets.

**Standards and testing regulations**

- BS 8203: Installation of resilient floor coverings
- BS 8204: In-situ floorings – bases and screeds
- BS 8000: Code of practice for cement/sand floor screeds and concrete floor toppings

**Comments**

The raw materials we process and the products we produce are subject to strict factory inspections. Do not use additives from other manufacturers when using this product. It is stressed that our products and the procedure must be tested for suitability for the expected construction site conditions.

As we have no control over construction site conditions or the execution of the work, we cannot be held legally liable as a result of the information included in this leaflet. Upon the publication of this leaflet all other previous copies shall become invalid.

**Valid from**

01.01.2020

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INFORMATION**