



NEXLER

Hot-applied Sealing Compound

Sealing compound for filling joints and seams

TECHNICAL DATA

Ingredients	asphalt, polymers, mineral fillers
Bulk density	1,4 ± 0,1 g/cm ³
Deformation resistance	
- Penetration with a ball and elastic recovery at the temperature of +25 °C, 75 g ball, 5 s	≤ 60%
- Cone penetration at a temperature of +25 °C, 5 s, 150 g	40 - 100 x 0,1 mm
- Thermal stability/penetration change at a temperature of +70 °C/168 h	
· cone penetration	40 - 100 x 0,1 mm
· penetration with a ball and elastic recovery	≤ 60%
- Drainage, initial and after annealing at a temperature of +60 °C, 5 h, 75° angle	≤ 3 mm
Softening point ring and ball	≥ 85°C
Fraass breaking point	T _{FRASS} = -27°C
Temperature of pouring	140 - 150°C
Open time	15 - 30 min depending on the external temperature
Traffic load	instantly after the product hardens
Resistance to rain	instantly after application
Consumption	approx. 1,4 kg/l of the gap volume
Substrate and ambient temperature during application	from +5°C to +30°C
Reference document	EN 14188-1:2004

PROPERTIES

- Good adhesion to asphalt, concrete and steel substrates
- Very flexible in a wide temperature range
- Resistant to de-icing salts dissolved in water
- Frost resistant



VERY GOOD ADHESION



FLEXIBLE IN A WIDE TEMPERATURE RANGE



FROST RESISTANT

APPLICATION

- Filling of expansion joints and connections in all types of traffic-loaded pavements
- Filling of horizontal or slightly sloping joints with a permissible gradient of up to 8%
- Sealing of joints between pavement (concrete, asphalt) and precast, steel elements
- Filling and sealing of cracks and damaged seams in asphalt pavements



ASPHALT POURING CAN



LANCE

PACKAGING

Poland

- Packaging: 33 kg
- Number of packages per pallet: - 33 kg - 24 pcs.

Export

- Packaging: 33 kg
- Number of packages per pallet: - 33 kg - 24 pcs.

METHOD OF USE

CONDITIONS OF USE

The temperature of the substrate and air during the works should be from +5°C to +30°C. Works should not be carried out during precipitation and strong sunlight.

SUBSTRATE PREPARATION

The joints to be filled should be prepared for further work by removing loose parts and contaminants that impair adhesion from their edges and bottoms. They should be blown with a jet of hot air and cleaned with a brush. Surfaces should be primed with a solution of NEXLER Penetrator G7 before the application of **Hot-applied Sealing Compound**.

PRODUCT PREPARATION

Hot-applied Sealing Compound should be pre-crushed and then heated in a boiler equipped with a thermometer and thermostat to 140 - 150°C in order to obtain a liquid consistency. The mixture should be stirred when heated to prevent local overheating and the deposition of coked sealant compound on the walls of the boiler. In order to obtain the required properties, the temperature must not exceed 180°C. For the same reason, the mixture should not be subjected to repeated heating. It is advisable to heat only the amount anticipated for a full day's demand.

APPLICATION

Hot-applied Sealing Compound should be poured onto a primed, dry substrate immediately after being heated up. Carry out the work within a maximum of 15 - 30 minutes after heating. The open time depends on the external temperature and weather conditions. In the event of precipitation, pouring should be stopped.

CONTROL OF PERFORMANCE

After application of the **Hot-applied Sealing Compound** check if the product adheres to the walls and if it properly bonds to the previously prepared substrate. The detachment of the product from the covered surface should also be inspected. The product must not be poured lower than the pavement and it is therefore required to check that it has been applied at the correct height. The difference in height weakens/reduces the adhesion of the product.

TOOLS AND TOOL CLEANING

Asphalt pouring can, mechanical application using a lance.

Clean tools with organic solvents after work. If the product dries, clean mechanically.

STORAGE AND TRANSPORT

The shelf life of the product is 24 months from production date. Store in dry and cool rooms.

The product must be protected from heat and direct sunlight.

NOTES

Works should be carried out in accordance with technical conditions, manufacturer's instructions, health and safety standards and regulations.

Extreme caution must be exercised while working with the product, due to its high temperature. Do not inhale vapors. Use appropriate personal protective equipment.

The remaining content of the product and container should be handed over to authorised companies.

GENERAL RECOMMENDATIONS

Technical data and information on the method of use are given for a temperature of 23°C ± 2°C and a relative air humidity of 55%. The open time and cooling of the product depends on the external temperature and weather conditions.

IMPORTANT INFORMATION

Please refer to the detailed conditions of use of the product before use.

We guarantee the quality of our materials as part of our terms of sale and delivery.

For buildings with special requirements that are not covered by this manual, we provide our Customers with our own professional advisory service.

The manufacturer has no influence on the improper use of the material, its use for other purposes or under conditions other than those described above. The guarantee only covers the quality of the delivered product. The correct and therefore effective use of the product is not subject to our control.

Neither the manufacturer nor his authorised representative may be held liable for any loss incurred as a result of improper use or storage of the product.

Employees of the company are authorised to provide technical information only in accordance with this technical data sheet. Information other than that contained in this sheet should be confirmed in writing.

If you have any doubts, consult the manufacturer.

Once we have issued a new technical data sheet, this manual is no longer valid.

CONTACT DETAILS

NEXLER sp. z o.o.

Łużycka 6, 81-537 Gdynia, Poland

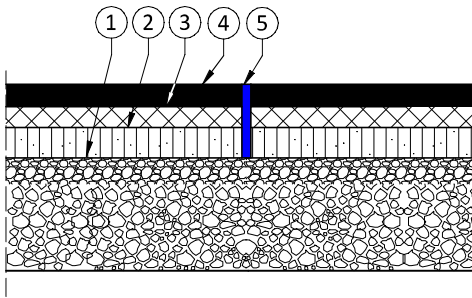
tel.: +48 58 712 94 44

www.nexler.com

e-mail: dt@nexler.com

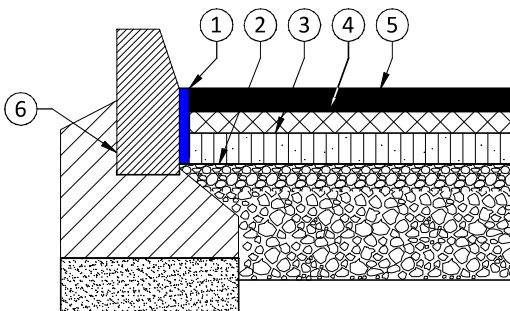
DETAILS

Detail of expansion joint in mineral-asphalt mix pavement



1. Subbase layer of aggregate not bound hydraulically
2. Roadbase
3. Binder course
4. Wearing course
5. Filling an expansion gap with **NEXLER Hot-applied Sealing Compound**

Detail of expansion joint in mineral-asphalt mix pavement at the curb



1. Filling an expansion gap with **NEXLER Hot-applied Sealing Compound**
2. Subbase layer of aggregate not bound hydraulically
3. Roadbase
4. Binder course
5. Wearing course
6. Road curb