

Avertol FZ

Coating agent for asphalt surfaces



Product description

Description / material	Black coating material made of specially selected bitumen types, contains additives of mineral fillers, contains solvents.
Intended use	Coating of asphalt surfaces, e.g. skid pans in driving and training centres.
Properties	The films, when dried thoroughly, produce robust, matt, waterproof surfaces.
Colours	Black.
Pack / container sizes	25 kg.
Storage	Tightly sealed in original containers, store in a cool, dry place. Storage time: approx. 2 years.
Quality assurance	High-quality products require strict monitoring of raw materials and their processing. In-house chemists ensure this quality is maintained from the receipt of materials through to delivery of finished products. Avenarius-Agro's production operates according to the TÜV-tested and certified ISO 9001-2015 quality management system, and has received the Responsible Care certificate.

Technical data

Consumption	Practical/application: approx. 0.5 kg/m ² .
Average coat thickness	80 µm dry, corresponds to 160 µm wet.
Density	approx. 1.2 kg/l.
Solid content	approx. 50% by vol.
Flashpoint	approx. 38 °C.
Drying	approx. 1 day at 20 °C.
Dilution	With Verdünnung 149.

Resistance

Chemical	Water, diluted acids and alkalis (up to approx. 2%), solutions of neutral salts. Not resistant to oils, solvents and fuel.
Mechanical	Temporary resistance to rolling car and truck traffic.
Weathering	Good resistance to atmospheric exposure.
Temperature	Dry: up to approx. 90 °C; Wet: up to approx. 60 °C.



Processing

Surface preparation	<p>Asphalt:</p> <p>Asphalt surfaces with a high round grain content (> 45%), grain size 0/8 mm, grade AC 8 DN, best compacted are the most suitable surfaces to minimise the risk of bubble formation, especially at high temperatures.</p> <p>If bubbles do form, they usually disappear after some time or during operation. The substrate must be clean, dust-free and dry.</p> <p>Crumbly and cracked asphalt surfaces are not suitable!</p>
Coating suggestion	<ul style="list-style-type: none"> ■ New coating: 2-3 x Avertol FZ; ■ Maintenance coat: 1 x Avertol FZ.
Working temperature	>= 0 °C to 30 °C.
Working	<p>Stir well before use.</p> <p>First coating thinned with 10 – 15% Verdünnung 149; then 1 – 2 further coatings thinned with approx. 5% Verdünnung 149.</p> <p>Bubble formation is possible, especially in hot weather – these bubbles disappear over time or are rolled down by the vehicle load and only represent an optical impairment. Application by means of a sponge rubber slider has proved to be very effective. When rolling, use short-pile plush rollers; add thinner until a smooth, non-textured surface results during rolling.</p> <p>If the frequency of use is high, it will be necessary to apply maintenance coats several times a year (to reduce slipperiness); however, these can be applied simply after cleaning the surfaces.</p>
Waiting times between coats	approx. 24 hours between coatings of Avertol FZ.
Final drying time	<p>New coating: 10 - 14 days; -</p> <p>Maintenance coat: 3 – 7 days, depending on temperature.</p> <p>“With high layer thicknesses in conjunction with unfavourable drying conditions, the drying time can be the drying time may be extended accordingly”</p>
Recoatibility	<p>Maintenance coating:</p> <p>After thorough cleaning of the old coatings, Avertol FZ films can be overpainted without difficulty even years afterwards.</p> <p>The first repair coat must be thinned with up to 10% Verdünnung 149.</p>
Tool cleaning	With Verdünnung 149.

Provisions relating to laws governing chemicals

Disposal	Incineration as special waste or delivery to hazardous waste collection points. Do not dispose of as domestic waste. Do not dispose of down the drain, onto the ground or into bodies of water. Dispose of contaminated packaging in the same way as the product itself.
Safety data sheet	The safety data sheet is available from http://www.avenariusagro.at .

Technical information: Avertol FZ, status: 07 / 2024

This technical information has been prepared on the basis of state-of-the-art technology and our experience. In view of the wide variety of substrates and building conditions, we cannot accept any liability for the contents of our technical information. This information does not relieve the purchaser/user of their responsibility to test our materials with regard to their suitability for the intended application under the particular conditions of the building in a proficient manner suitable for use in the construction business. This publication will cease to be valid if a new edition / new PDF version is produced.

Technical consultation

It is not possible for this publication to deal with all the substrates which can occur in practice and their specific treatment with regard to coating. In difficult cases, our specialist consultants can provide detailed advice for specific building situations.

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