

Manual

VIACORE®

Areas of application:

Typical areas of application include classic pothole repair, permanent closing of trenches following excavation work, step ramping, levelling of uneven areas, manhole rehabilitation as well as the creation of asphalt surfaces and much more.

This product is particularly suitable for use in tunnels, on bridge surfaces, for asphalts in multi-storey car parks and public thoroughfares – where the asphalted areas may be quickly opened to traffic – as well as indoor asphaltting.

Properties:

- One special benefit that is associated with Viacore asphalt is its perfect workability. CE-compliant asphalt can for the first time be processed at asphalt mixture temperature of 0°C – 40°C and at ambient temperatures (even at cool temperatures).
- This is Europe's first lower-temperature asphalt that may be worked and compacted even in the cold season. It's a feature that in summer also allows roads to be opened to traffic more quickly.
- The other benefits that Vialit's Viacore asphalt delivers include high deformation stability at high temperatures, excellent low-temperature resistance, low void content and thus excellent durability.
- Viacore is a 'green product' because it contains absolutely no solvents (0.0 %) and therefore does not contain any substances that may be harmful to the environment.
- Viacore has a low CO2 footprint in relation to other asphalts because it is manufactured with renewable raw materials and low production temperatures and presents low MAC values during paving.



To be observed during processing:

- The compound can be mixed at temperatures below 100 °C, preferably at 60 °C. The installation temperature is between 0 °C and approx. 50 °C.
- Clean the substratum and joints thoroughly
- Create a bonding course – e.g., with reactive primer or a bitumen emulsion C 40 or C 60
- Pre-treat Joints
- Install with a corresponding super-elevation depending on the layer thickness
- Observe the min. and max. course thickness for each installed layer
- Compoact with suitable equipment (roller or plate compactor)

Consumption:

Appr. 25 kg/m² at 1 cm layer thickness.

Cleaning:

Processing equipment can be cleaned with biodiesel or rapeseed oil.

Storage:

Limited shelf life. Store in a cool and dry place – not outdoors and not under direct sunlight!
Damaged packaging or overstorage leads to slow curing due to humidity.
Process these containers immediately if possible.

Further information:

CE conformity for Viacore asphalt has been awarded in accordance with EN 13108 – Parts 1, 2, 4, 5, 7 'Asphalt mix – mix requirements'. EN 13108 was developed by the CEN/TC 227 Technical Committee for 'Road Construction Materials'. The CEN/TC 227 committee's main objective is to define asphalt concrete in terms of its basic performance-based properties. The European standard specifies the requirements for asphalt that is used in the construction of roads, airports, and other traffic areas.

Observe the **VIACORE® Safety-data sheet**