

Maintenance, rehabilitation and new construction of roads and surfaces

## Viacore asphalt: Fast, economical and durable

The innovative and CE-compliant (EN 13108) Viacore asphalt by the Braunau-based Vialit company is becoming increasingly important in the rehabilitation and maintenance of roads and the construction of traffic areas. Vialit – the inventor of reactive asphalt – is now the first company in Europe to meet the high quality criteria for temperature-reduced asphalt that have been set out in EN 13108 and has been awarded permission to use the CE-conformity mark for its Viacore asphalt.

### Rapidly and permanently repairing road damage

Road owners need to very closely scrutinise the quality of the products they use in the quick, economic and, above all, permanent repair of damaged asphalt. Nobody wants temporary solutions, after all, but genuine solutions to the problem. The long-established company, which is based in Braunau, Upper Austria, has continued to advance its asphalt line and has consequently created **Viacore** asphalt, which has now been awarded CE conformity in accordance with EN 13108 - Parts 1, 2, 4, 5, 7 (please refer to the info box for details). Vialit is therefore able to provide its support particularly to public tendering bodies in the application of the standardised performance specifications as set out in EN/ÖNORM standards for the procurement of ultra-temperature-lowered asphalt used to carry out maintenance that is both compliant with the award and legally binding.

### Workability and a wide range of applications

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 tem-

perature of 10°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 fact that **Viacore** asphalt is becoming increasingly important is also due to the many applications that it makes possible. 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.

Another benefit: Vialit's **Viacore** asphalt is easy to transport and up to 12 month storable due to the fact that it can also be filled into different containers (bags, buckets, big bags).



Picture: Viacore Asphalt © Vialit



Asphalt without limits.

## Unique properties

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.

## Environmentally-friendly/CO<sub>2</sub> Footprint

**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 CO<sub>2</sub> 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.

## Additional details

### CE conformity for Vialit asphalt

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.

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