

DEGAROUTE®-BASED ROAD MARKINGS

JULY 2018

On the Road



EDITORIAL



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DEAR READERS,

In Norway, the land of a thousand fjords, the small town of Lillehammer lies on the northern shore of Lake Mjøsa, about 180 kilometers (111 miles) north of Oslo where, in 1994, the XVII Winter Olympics were held. Here the municipal council has banned cars from an old bridge, steeped in history, turning it into a pedestrian and bicycle zone that small tractors and mopeds may also use. The combined pedestrian and cycle path on the Vingnesbrua bridge reflects the municipality's concern for the environment and cleaner air. Instead of driving into town, the community is being encouraged to switch to cycling or walking. With the redesign of the bridge, the pedestrian and bicycle infrastructure in Lillehammer has now developed further—as has the quality of life. This issue of the newsletter describes the role that DEGAROUTE® played in the project.

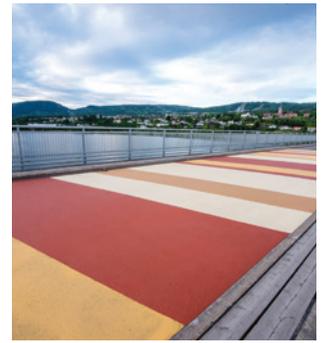
A BRIDGE IS A HAPPENING PLACE

In February 1994, the world's attention was focused on a small Norwegian town. As a venue for the Winter Olympics, Lillehammer conjured up the atmosphere of a winter fairytale. Even today the Olympic ski-jump remains among the main attractions of the small town on Lake Mjøsa, with a population of about 30,000. Another landmark is the Vingnesbrua. Dating back to 1934, this 816-meter (0.5 mile) bridge across Lake Mjøsa connects Lillehammer with the district of Vingnes. After a new bridge had been built across Lake Mjøsa as part of the Europastrasse 6 (E 6), the Lillehammer municipality closed the older

bridge to motor vehicles in 2017. It now serves pedestrians and cyclists as a safer and more eco-friendly connection between Lillehammer and Vingnes. This "new" bridge also offers its users experiential value. In addition to the separator markings for pedestrian and cycle lanes, attention markings in colored stripes indicate areas at the side of the road that, in summer, will be reserved for benches, flower boxes, or areas for various social activities like small markets and exhibitions. A perfect opportunity for the use of durable DEGAROUTE® based cold plastic MMA road markings.

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COLD PLASTIC MMA ENSURES DURABILITY



DEGAROUTE® based cold plastic MMA area markings have outstanding durability and are ideally suited for pedestrian crossings, bus and cycle lanes, parking lots, and other areas where high skid resistance is necessary. To produce a permanently non-slip surface that significantly reduces the risk of skidding in rain, snow and on black ice, aluminum ore bauxite is mixed into the final DEGAROUTE® formulation. Friction tests have confirmed the high anti-skid

properties of this composition. For visual highlights, various color pigments have been mixed into the DEGAROUTE® formulation, ensuring optimal color stability and allowing the bridge to glow in vibrant colors, even after many years. The cold plastic MMA was applied on the bridge surface in a single-layer system with a total thickness of 2 to 2.5 millimeters (78-98 mils). The time required for applying the markings on the 816-meter bridge was 4 days.

PROJECT WINS ACCEPTANCE

Historically, the Vingnesbrua has always been a convenient “driving bridge” for the residents of Lillehammer. This is why the locals at first strongly protested the closing of the bridge to motor traffic and its proposed use as a path across Lake Mjøsa exclusively for pedestrians and

cyclists. However, after a “trial run” of just two months it was clear that the car-free Vingnesbrua with its colorful markings had put the fun back into exercising outdoors. Never had so many pedestrians and cyclists been seen on the bridge than after it had been closed to cars.



Imprint

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