AREA MARKING IN THE LAND OF A THOUSAND FJORDS
LILLEHAMMER, NORWAY

PROJECT OBJECTIVE
In Norway, the small town Lillehammer lies on the northern shore of Lake Mjøsa, about 180 kilometers (111 miles) north of Oslo. Here the municipal council has banned cars from an old bridge, 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.

With the redesign of the bridge, the pedestrian and bicycle infrastructure in Lillehammer has now developed further - as has the quality of life. 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. DEGAROUTE® based cold plastic MMA area markings were chosen as they 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. 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.

SITE	
COUNTRY	Norway
LOCATION	Lillehammer
APPLICATION DATE	June 2017
APPLICATOR	Harald Mathisen
APPLICATION	
SYSTEM	Area marking, approx. 1.200 m^2 (12.917 ft^2)
SURFACE	Asphalt
EQUIPMENT	Smoothing trowel, draw box
THICKNESS	single-layer system with a total thickness of 2 to 2.5 mm (78-98 mils), time required for applying the markings on the 816 m (2.677 ft) bridge was 4 days

PERFORMANCE

- High skid resistance (confirmed by friction tests)
- Resistance to dirt and dust ensures high durability and color stability
- Quick application with short curing times
- Easy to apply in any shape, color and area size with a long service life
- Wide processing window from -10 °C/14 °F to 50 °C/122 °F
- Resource efficient and environmentally friendly with almost zero solvent emissions

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Photographer: Daniel Nordby