

DEGAROUTE®

Project Profile – *Roundabout*



General Information:

Country: Austria
Location: A-7341 Markt St. Martin, Federal Road B 50 at kilometer 86.55
Application Date: July 12, 2007
Applicator: Swarco Heoscont Straßenmarkierungen GmbH, A-2353 Guntramsdorf
Application Direction: Amt der Burgenländischen Landesregierung

Project Objective:

The roundabout is located at an entrance to motorway S 31 with a DTV of 15000/24 h. The authorities were interested in testing the durability and SRT-values of an inner circle area marking with cold plastic.

New asphalt surface (4 weeks) / Width 1.75 m / Length 80 m / Total area 140 m²

Application:

System: two layer system (1 filled & pigmented base coat + 1 pigmented top coat)
Type: 98:2 / manual application with tooth rake, squeegee and roller
Total thickness: 4–5mm (including aggregate)
Aggregate used: Bauxite (grain size 1–3 mm), approx. 3.2 kg/m²
R–T–U Consumption: approx. 4.5 kg/m²

Performance:

Certificate October, 2010 – Research Center for Surface Engineering:

“For all the measurement points of the road markings the minimum skid resistance values of 45 PTV (SRT) units were exceeded, thus satisfying the requirements of the standards”