

ROUNDABOUT AUSTRIA



Application in 2019 after 12 years in service

PROJECT OBJECTIVE

The roundabout is located at an entrance to motorway S31 with a DTV of 15,000/24h. Authorities were interested in testing the durability and SRT values of an inner circle area marking with DEGAROUTE® based cold plastic.

Several applications of roundabouts in the same region with other materials did perform worse, because of low durability and SRT values.

After more than 12 years, the application provides the minimum SRT of 45 and is still in service.

SITE		APPLICATION	
COUNTRY	Austria	SYSTEM	Two layer area marking
LOCATION	Markt St. Martin	SURFACE	New asphalt (4 weeks)
ROAD	Federal Road B 50	TYPE	98:2
APPLICATION DATE	July 2007	EQUIPMENT	Manual application
		AGGREGATE	1 – 2 mm (40 – 120 mils) bauxite, 3.2 kg/sqm
		THICKNESS	4 – 5 mm (158 – 197 mils) including aggregate
		MARKING	1,75 m (5.7 ft) width, 80 m (262 ft) length, 140 m² (1.507 ft²) area marking

PERFORMANCE

Certificate September, 2015 – 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”

