

AREA MARKING ON CONCRETE GERMANY



After application in 2010



2019 after 9 years in service

PROJECT OBJECTIVE

The red roundabout on a high traffic crossing in Bad Vilbel had caused the city a headache for a long time. Large buses and trucks could not circumvent the radius of the roundabout and had to drive right across the area marking. Therefore, it was

important for the city to find a road marking material that could withstand the traffic exposure on the concrete surface.

In 2010 the city of Bad Vilbel opted for cold plastic MMA, which is known for its long durability and adhesion

to concrete substrates. The result was increased safety. After three years, the red area marking based on DEGAROUTE® is still very well visible and fulfills all requirements regarding grip. Even after 9 years in service, the red roundabout in Bad Vilbel still looks like on day one.

SITE		APPLICATION	
COUNTRY	Germany	SYSTEM	Two layer area marking: Base and top coat
LOCATION	Bad Vilbel	SURFACE	Concrete
APPLICATION DATE	October 2010	TYPE	98:2
		PREPARATION	Primer DEGADUR® B71
		EQUIPMENT	Manual application
		AGGREGATE TYPE	Bauxite 1 – 3 mm (40 – 120 mils)
		AREA	10 m (33 ft) diameter; 80 m ² (860 ft ²)
		VOLUME	3.6 kg/m ²

PERFORMANCE

- High durability of cold plastic, where other markings failed
- High traffic density: DTV 16,600 cars/24h with extreme sheer forces
- Grip after 3 years still well above 45 SRT
- Excellent color stability

SKID RESISTANCE (SRT)

