

# 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 area in Bad Vilbel had caused the city much undue stress. Large buses and trucks could not circumvent the radius of the roundabout without driving on the edge of 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, after various trials with other materials that eroded within a short period of time, the city of Bad Vilbel opted for cold plastic MMA, which is known for its long durability and adhesion to concrete substrates. Thanks to the

outstanding durability of the cold plastic material, this led to increased safety and an elimination of constant maintenance repairs. Even after nine years in service, the red area marking based on DEGAROUTE® is still as visible as the first day it was installed and fulfills all requirements regarding grip.

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 <sup>2</sup> (860 ft <sup>2</sup> )
		VOLUME	3.6 kg/m <sup>2</sup>

## PERFORMANCE

- High durability of cold plastic, where other markings failed
- High traffic density: DTV 16,600 cars/24h with extreme sheer forces
- Grip after 9 years still well above 45 SRT
- Excellent color stability

## SKID RESISTANCE (SRT)

