BORUM

# LONG DOT* PROFILED MARKINGS

## HIGH VISIBILITY AND REDUCED EXTERNAL NOISE

The new thermoplastic profiled marking has been developed for having high visibility at night time and during rainy conditions and at the same time have a similar noise level to a flat line.

REVISION-001

**as registered by Eurostar and Geveko Markings*

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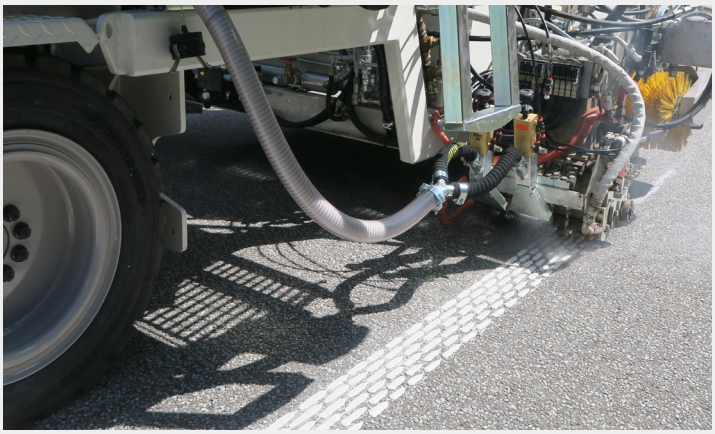
## WHY WAS THERE A NEED FOR A NEW LINE TYPE?

The Danish Road Directorate in collaboration with Geveko Markings, Eurostar, Borum, and other partners have been working together to develop a new type of thermoplastic line marking. The challenge was to develop a new line marking that has high visibility at night time and during rainy conditions and at the same time does not produce as much noise.

## INTRODUCING THE LONG DOT PROFILED MARKING

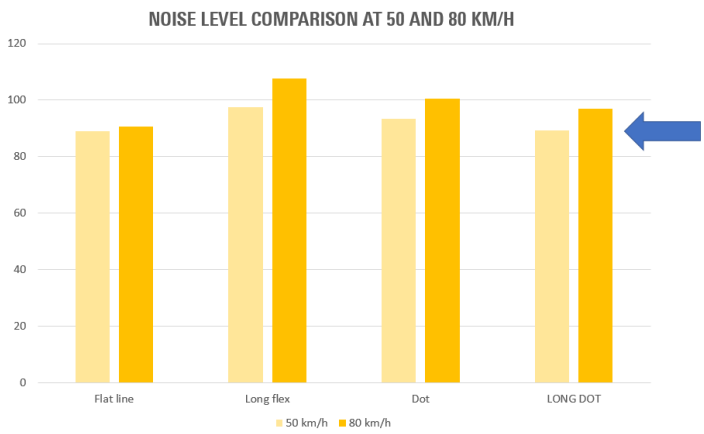
The solution is the new thermoplastic profiled long dot marking. The marking produces almost the same noise level as an ordinary flat line while having these much-needed visibility features for safely guiding traffic.

The Long Dot markings are now being tested in several places around Denmark and we are hoping to soon see them implemented at a national level.

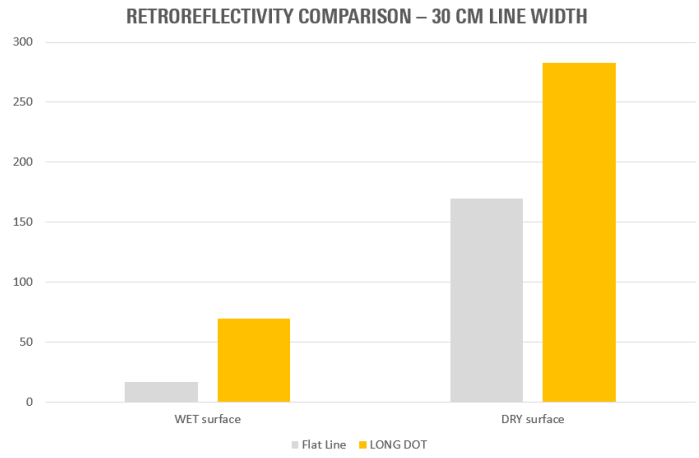


# DECREASED NOISE AND ENHANCED LINE VISIBILITY

Testings done by the Danish Road Authorities and various partners show **the long dot line produces almost the same noise level as a flat line.**




Testings also revealed higher retroreflection levels in both dry and wet conditions. **This increases preview time and makes lines more visible for drivers**.




## INCREASE ROAD SAFETY WITH THESE LONG DOT FEATURES

- High retroreflection due to many vertical "walls" during both day and night time
- Water easily drains away ensuring high visibility during rainy weather
- Driver preview time increased by 50%
- Similar external noise level to type 1 lines, while having the safety features of type 2 lines
- Noise alert for guiding drivers - a great solution for centerlines and edge lines
- Can be used on all existing road types
- Less material consumption compared to flat lines

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