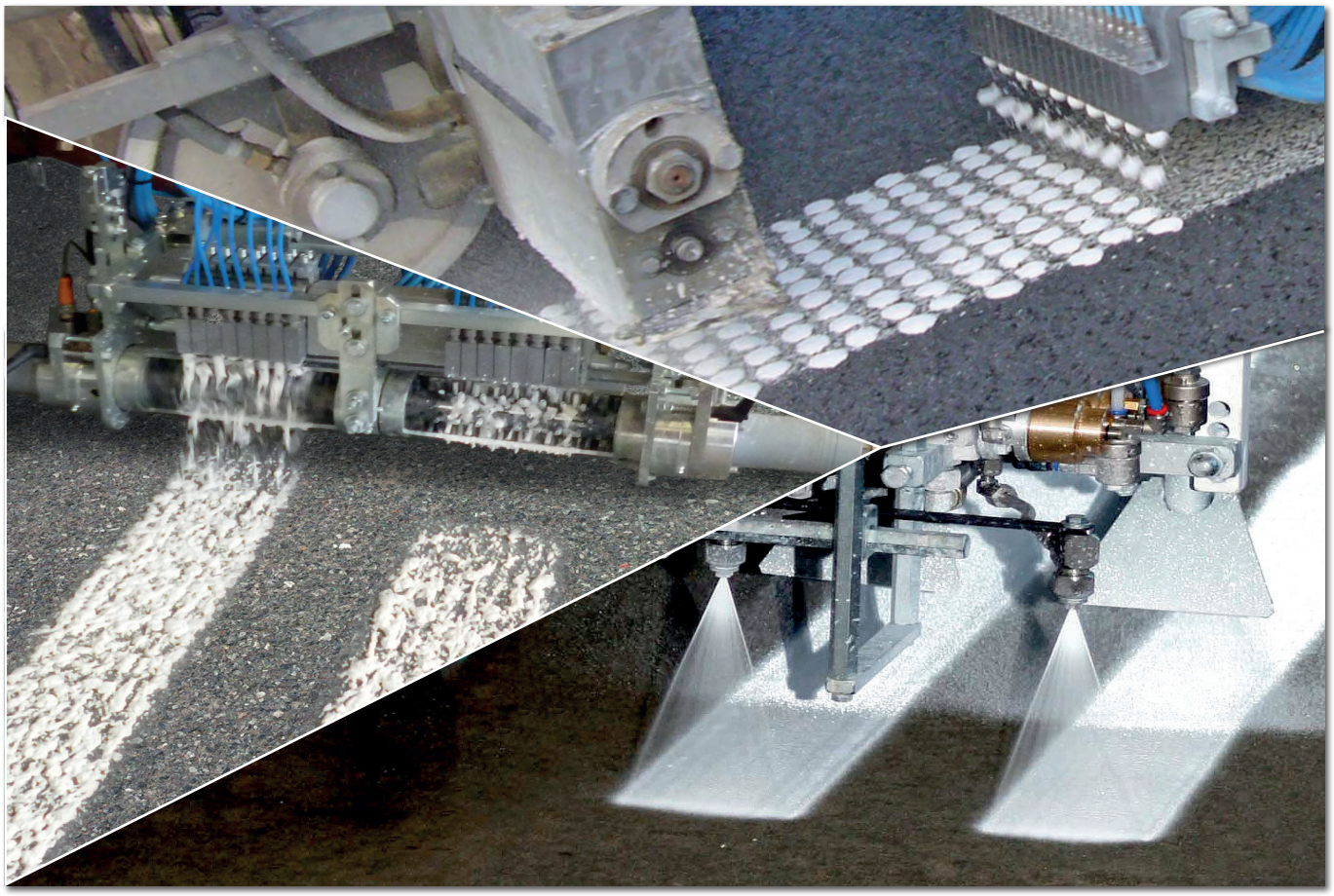
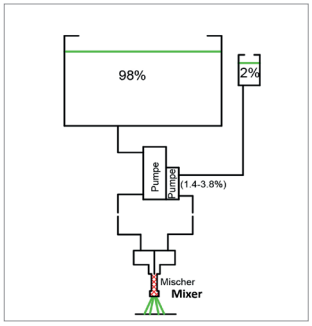
HOFMANN
ROAD MARKING SYSTEMS

2-component cold plastic / sprayable cold plastic systems

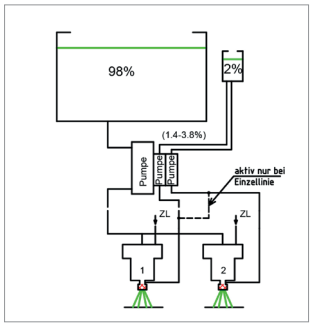


Functional principle

① **98:2 Airless-System**



② **98:2 Airspray-System - pump**



③ **98:2 Airspray-System - pressurised container - not shown**

2-component sprayable cold plastic Airless and Airspray markings 98:2

Features:

- No second storage container, thus no risk to interchange erroneously the material during refilling.
- No premixing of a basic component which starts to cure after some time and will become useless.
- No necessity to process the premixed material inside of the machine in due course by reason of highly variable storage stability of material.
- No loss of material as a result of partial curing of premixed material.
- Intensive cleanings of container, pump, pipes, etc. with solvent are not necessary.

- Premixed Material
- Slow reacting
- Time-bound cleaning with solvents required

- Final mixed material
- Fast reacting
- Immediate flushing required

- Metering of hardener adjustable from 1,4 % up to 3,8 %. Using the 98:2 pressurised container Airspray-System adjustable from 1,0 % up to 4,0 %.
- Pulsation free metering of the two components which are proportionately extremely different.
- Application of whole container filling without intermediate flushing of the system thus longer stops can be avoided (not applicable with 98-2 Airspray system).
- Exact compliance of mixing ratio therefore mixing as a matter of trial and error is eliminated (except with 98:2 pressurised container Airspray-System).
- No intermediate cleaning of the system during work interruptions (marking stops) at e.g. traffic lights (only 98-2 Airspray system).
- In case of lack of hardener automatic pump shutdown.
- Marking speeds up to 15 km/h (depending on material and equipment, continuous line, line width 12 cm).
- Double lines and line combinations in one single marking operation are possible.
- Possibility to use AMAKOS® method of operation (except 98:2 pressurised container Airspray-System).
- Application of line combinations with two 2-component spray guns possible.

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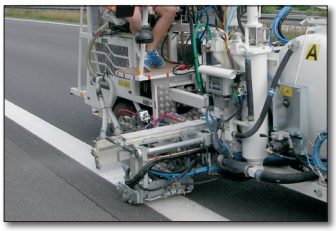
2-component cold plastic / sprayable cold plastic systems

HOFMANN
ROAD MARKING SYSTEMS

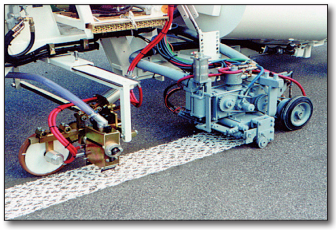
2-component cold plastic agglomerate markings 98:2

Scattering drum system

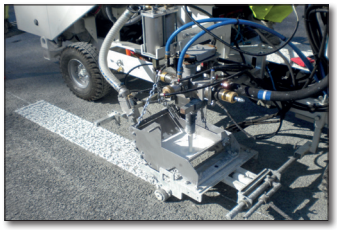
Stochastic agglomerate markings with 2-component cold plastic, mixing ratio 98:2 applied with ...



... **bellow pump system** (path-dependent)



... universal-extruder-system (path-dependent)



... screed box system (not path-dependent)

... pressurised container system (non path-dependent) without picture

- Application of whole container filling **without intermediate flushing** of the corresponding systems (bellow pump, extruder and pressurised container) thus longer stops can be avoided
- **Exact** compliance of **mixing ratio**, therefore mixing as a matter of trial and error is eliminated
- Marking speeds up to **10 km/h*** can be achieved (bellow pump, extruder and pressurised container). Using the screed box system up to **4 km/h***
- Suitable for the application of highly abrasive mediums and solid matters with a size of **up to Ø 2,5 mm** (bellow pump and pressurised container) as well as **up to Ø 0,6 mm** (extruder and screed box)
- Due to the optimum drainage the **peaks of the stochastic marking** remains reachable for headlights and will reflect even during heavy rainfall

Spotflex® system

- Application of whole container filling **without intermediate flushing** of the system thus longer stops can be avoided
- **Exact** compliance of **mixing ratio**, therefore mixing as a matter of trial and error is eliminated
- Marking speeds up to **6 km/h*** can be achieved (bellow pump and pressurised container)
- Suitable for the application of highly abrasive mediums and solid matters with a size of **up to Ø 2,5 mm** (bellow pump and pressurised container)
- Due to the optimum drainage the individual **dots having a height of 3 – 5 mm** remain accessible for headlights and will reflect even during heavy rainfall
- This system is also suitable for applying roadmarkings combined with a **noise effect** (depending on the height of dots) when crossing the roadmarking
- At the customer's request **large** and **small dots** as well as **different raster** (distance between the rows) with open or closed edge can be applied

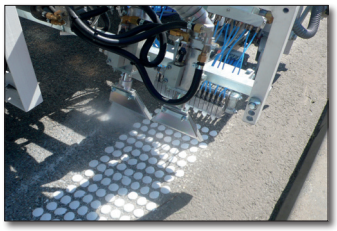
- Marking system for agglomerate markings, which efficiently applies **structure markings** respectively **defined profile markings** (Spotflex®) on the road in order to increase night visibility during rain and wet conditions
- These **structure** respectively **profiled** markings can be renewed (re-marked) or can be applied on already existing roadmarkings in case a plain effect is requested during daylight and reduced inspection distance
- Acoustic **warning signal** in case of lack of hardener
- Due to **high application speeds** and **short flushing periods** obstruction to traffic can be reduced
- Using the bellow pump system **double lines** and **line combinations** in one single marking operation are possible. Using the pressurised container system double lines are also possible, however line combinations only restricted [refer to Hofmann Info N° 396]
- Fulfillment of regulations is ensured with regard to **automatic compliance** of adjusted **line thickness/material quantity**
- Using the **AMAKOS®** method of operation is possible

* (dependent on material and equipment, continuous line, line width 12 cm)

Defined agglomerate markings with 2-component cold plastic, mixing ratio 98:2 applied with ...

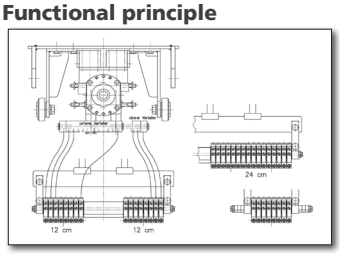
... **bellow pump system** (path-dependent)

... **pressurised container system** (non path-dependent)



Air pulsed method - Spotflex®

Functional principle



- Modular build of spray bar
- Nozzles and nozzle holder can be attached variably, therefore line width and line distance can be determined by yourself
- Very efficient system by reason of the quick exchange of nozzles

- 90° cross profiled markings up to 16 mm height (depending on material) with and without chamfered edges

The following applications are possible:
- Profiles on base line, possible as continuous line and line-gap combinations
- Profiles without base line

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