



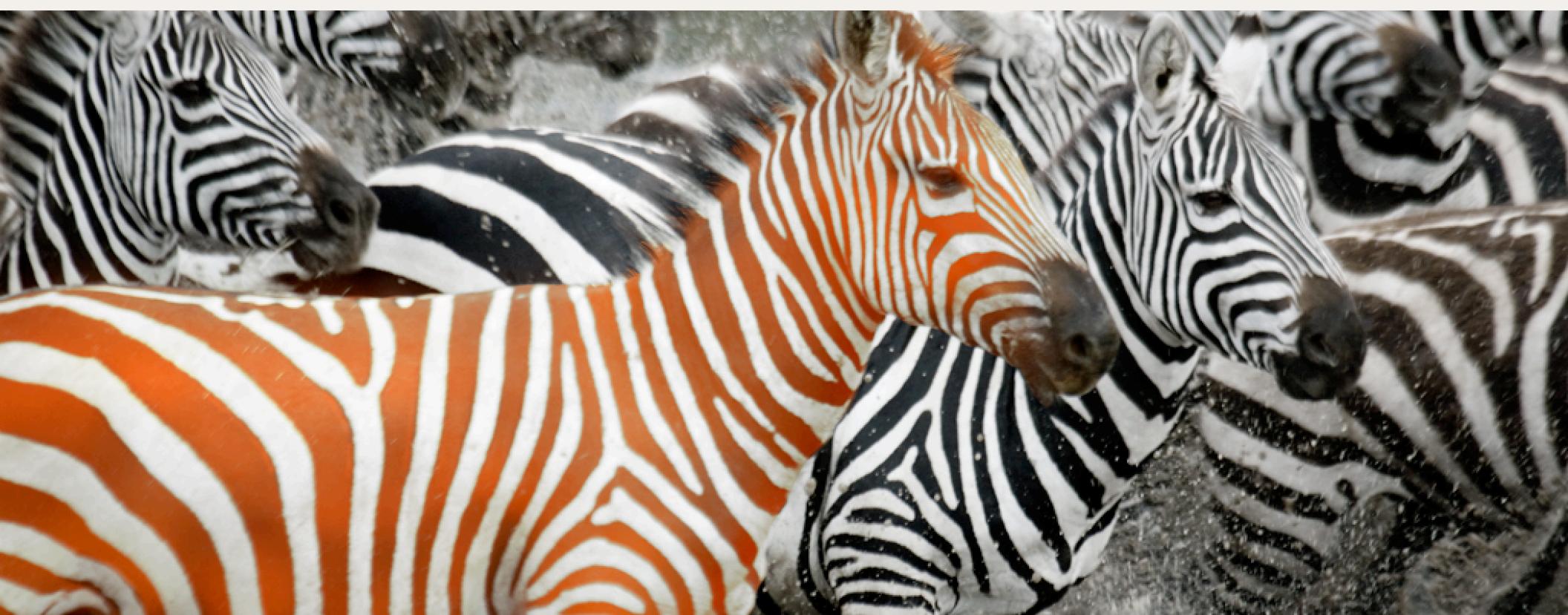
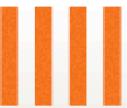
VELUVINE

IT'S A COLORFUL WORLD

01

THE HISTORY OF VELUVINE

VELUVINE IS A DUTCH COMPANY



FOUNDED IN NUNSPEET



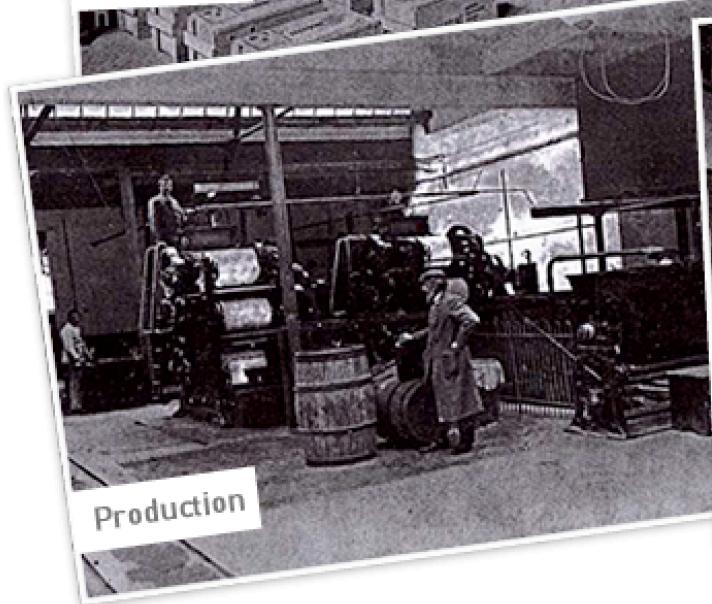
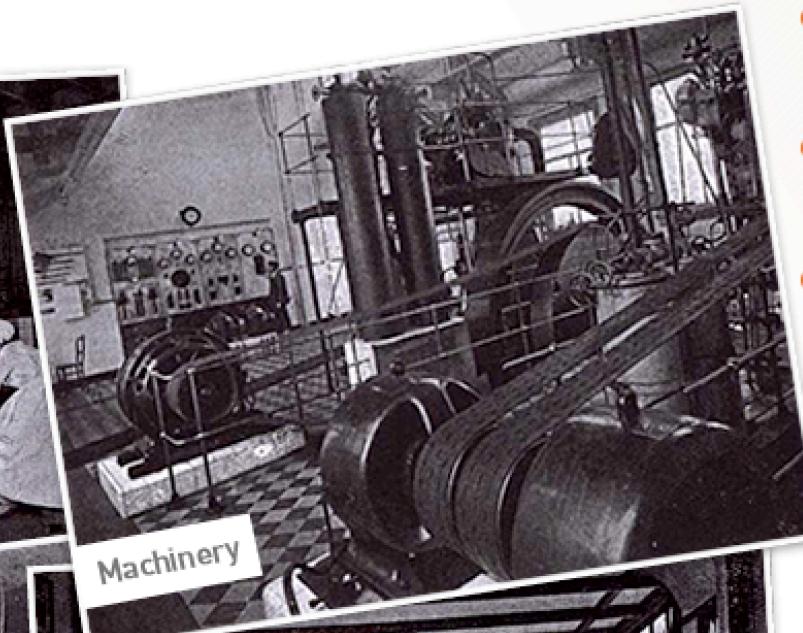
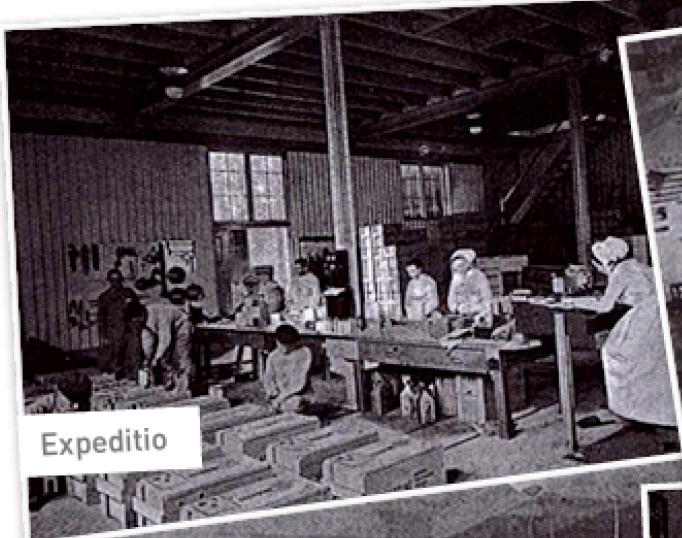
First factory in 1895

1895

Veluvine was established in 1895 in Nunspeet, a local town in "the Veluwe" in The Netherlands. With machinery, production, transportation and administration functions "in - house" Veluvine was a well known and respected company.

SINCE 1895

- Machinery 1895
- Expedition 1895
- Production 1895
- Administration 1895



1989

In 1989 Veluvine built an entirely new plant with highly sophisticated and automatic production facilities for the manufacture of cold paint, thermoplastic and two component cold plastic products. There was substantial investment in a highly capable quality control department, indoor where housing and ten underground solvent tanks of 20,000 litres capacity.



2002

In 2002 Veluvine invested in a new automated process to improve and increase production capacity. Quality, sustainability, and the environment are concerns which underpin Veluvine's focus, whilst at the same time working to achieve innovation in the field of road marking products.



New Factory in Breda





- 2005 Since 2005, Veluvine has been a subsidiary company of the French Aximum Group, who in turn are part of the French stock exchange listed company Bouygues, one of the world's largest civil engineering and construction companies.
- 2011 Further investment in 2011 saw a totally new raw materials transport system for paint and two / three component cold plastic production. This process makes it possible to reduce internal handling by blowing raw materials over the factory roof to the appropriate dissolvers. This investment has reduced internal transport and raw materials handling by the labour force and increased production capacity.

Thermoplastic line

Veluvine has a complete automatic thermoplastic production line, able to produce a capacity of around 10 ton an hour. This means almost 100 tons per day. Every single batch is registered and approved by Veluvine's inhouse laboratory for maximum quality.



Paint production line

Veluvine has 4 solvent based paint production stations and 2 waterborne paint production stations. Per station Veluvine can produce batches of 2 upto 7 tons with a maximum capacity of 3 batches per day. Veluvine also has 4 storage tanks that can hold 22 tons of ready to use paint.



Coldplastic production line

Veluvine has 4 coldplastic production stations and 3 primer tanks to produce primer for thermoplastic and as an adhesive for tape. Veluvine is able to produce around 15 tons of coldplastic per day.



02

THE ORGANISATION

VELUVINE IS MARKET LEADER IN ROAD AND AIRFIELD MARKING



A NEW MODERN FACTORY



Factory in Breda (The Netherlands)

Part of Aximum Group Company France

Aximum is a subsidiary of Colas SA, which is owned by Bouygues, a public listed company to the CAC 40 in France

Veluvine now

Veluvine B.V. is a market leader in the manufacture of road / highway and airfield marking products with its own integrated production and development capabilities. With a highly sophisticated laboratory facility Veluvine can provide a suitable solution for every road marking problem.

Veluvine differentiates itself from other road marking materials manufacturers by providing extensive product knowledge and after sales service to create long lasting relationships with their customers. This added value, combined with innovation and product development are key elements in Veluvine's aims and objectives.

65% of production is destined for export markets over five continents, with 35 % of production goes to satisfy the demands of the domestic market in The Netherlands.

WORKING ACCORDING TO ISO 9001 AND ISO 14001 STANDARDS



9001



14001

EN-ISO Homologations for Road marking products in Europe
Veluvine is both an EN-ISO 9001 and EN-ISO 14001 certified.

The company aims for and achieves the highest quality levels of production, development and distribution of road marking products. Veluvine has initiated an integrated Quality Manual which details the quality, environmental and manufacturing systems employed.

This ensures that first class quality products can be guaranteed and maintained at all times.

INVESTMENTS NEW MACHINERY

powder conveyor system



Veluvine commissioned a new powder conveyor system. The new system was developed to supply bulk raw materials to paint and two component cold plastic dissolver tanks. The bulk raw materials are blown over the factory roof to the designated dissolver tanks by a high pressure system from outside bulk storage silos.

This new development will allow for the automatic supply of raw materials which will reduce internal transport , and increase productivity by supplying multiple dissolver tanks simultaneously. A reduction in manual handling of bagged raw materials improves the labour process for employees. With this development we are achieving our objective of becoming one of the most advanced manufacturers of road marking materials.

OUR PARTNERS AND SUPPLIERS



Exxon

Roll exxon



Swarco

Roll Swarco



Hoechst

Roll Hoechst



Potters-Ballotini

Roll Potters - Ballotini



Degussa-Hüls

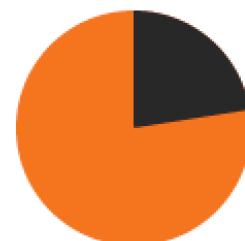
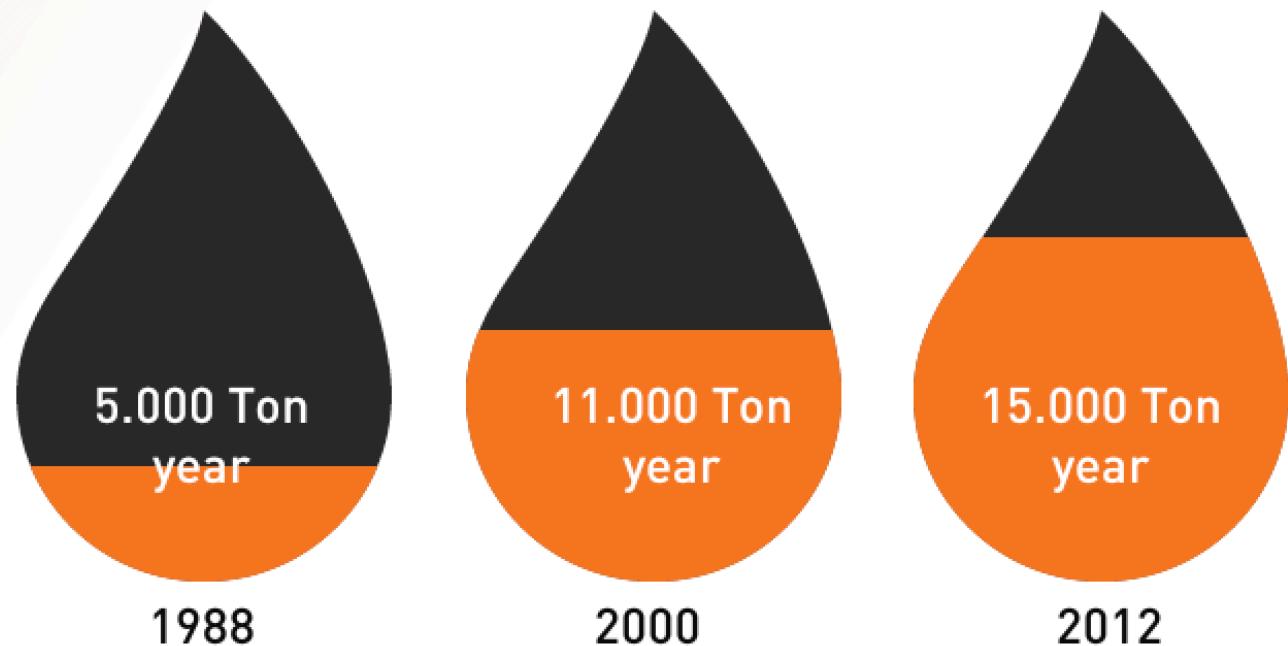
Roll Degussa-Hüls

Focus on export oriented markets

Veluvine focuses more on export oriented markets in order to grow the business globally.

Veluvine total production volume of close to 15.000 tons is divided between 8000 tons of thermoplastic, 4000 tons of road marking paint and 3000 tons of coldplastic products.

ROADMARKING PRODUCTION



**20% Dutch market
80% export**

03

RESEARCH & DEVELOPMENT

VELUVINE THE FUTURE IS COLORFUL



ENVIRONMENTAL FRIENDLY

We develop our product according to the European standards. While doing this we care deeply about the environment and thus we try to reduce our ecological footprint to a minimum as well. 

NEN-EN 1423 Drop on glassbeads

NEN-EN 1424 Premix glassbeads

NEN-EN 1436 Road marking

NEN-EN 1790 Prefab road marking products

NEN-EN 1824 Road trials

NEN-EN 1871 Fysical specifications

NEN-EN 12802 Labaratory research and identification

NEN-EN 13197 Wear simulator

NEN-EN 13212 Production control

NEN-EN 13459 Sampling

INNOVATION

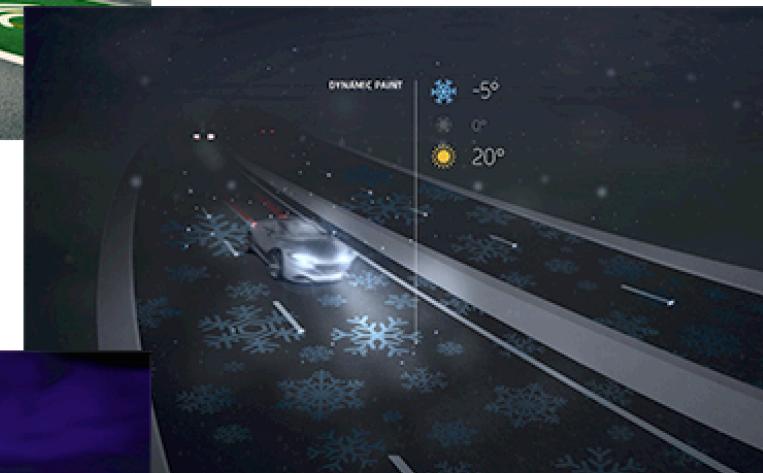
Veluvine B.V. in co-operation with Heijmans and innovator Studio Roosengaarde created a road of the future. Three outstanding innovative ideas in order for the road user to connect with its surroundings. The three ideas are, glow in the dark highway with glow in the dark paint. Dynamic highway with colour changing pigments and induction priority lane. Thereby achieving a more sustainable and interactive highway for road users using only energy, light and road signs.



Priority lane for electric cars



Glow in the dark striping



Intelligent weather system

REQUIRED HOMOLOGATIONS



UK BSI



Europe



World



US



Veluvine has other homologations in European countries like Romania, Czech Republic, Austria and all other International recognized approvals.

The Netherlands
Kiwa

France
l'Ascquer

Germany
Bast

Belgium
Bast

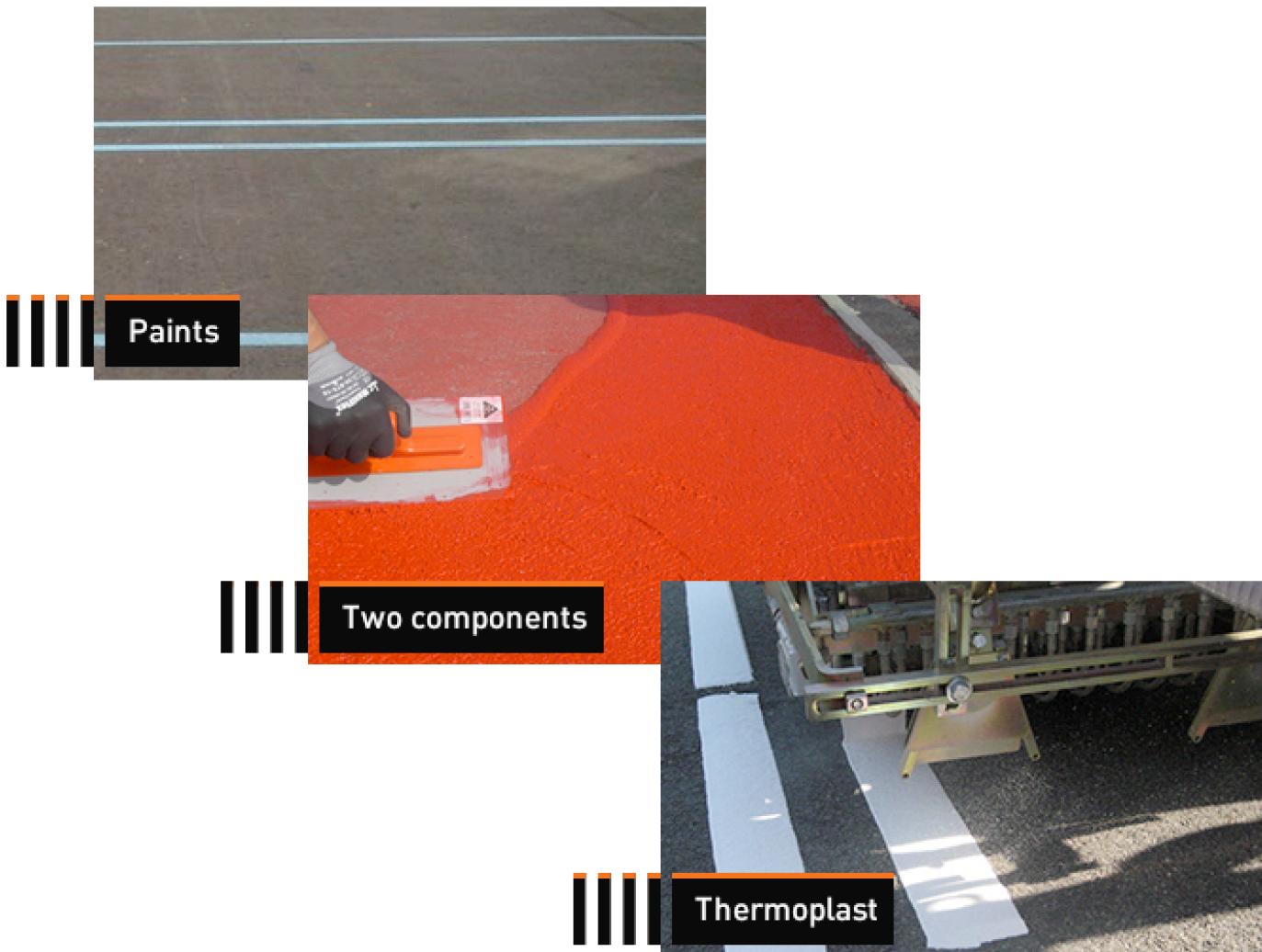
04

THE PRODUCTS OF VELUVINE

VELUVINE IT'S A COLORFUL WORLD



PRODUCT RANGE OF VELUVINE



- **Paints** ↓
High daytime and night-time visibility, fast drying time, high skid resistance, low dirt pick-up, high resistance against bleeding, long durability.
- **Two-components** ↓
2 or 3 component, long lasting and solvent free acrylic based road marking material. For different climate conditions. Range of colours available on request.
- **Thermoplastic** ↓
Long lasting reflective and non reflective thermoplastic roadmarking material based on synthetic and natural resins suitable for screed, extrusion and spray application.

05

REFERENCES

VELUVINE IS ACTIVE ALL AROUND THE WORLD



SUPPLIER FOR SEVERAL GOVERNMENTS



Rijksoverheid

Dutch government



Belgium government



Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE

France government



Die
Bundesregierung

Germen government

- **The Netherlands**

Vermeldingswaardigheden

- **Belgium**

Vermeldingswaardigheden

- **France**

Vermeldingswaardigheden

- **Germany**

Vermeldingswaardigheden

SUPPLIER FOR SEVERAL CONTRACTORS

Trafiroad

Belgium

Ballast Nedam

The Netherlands

Unidoc

France

KWS

The Netherlands

Heijmans

The Netherlands

n.v. De Groot Gaston s.a.

Belgium

-  **TRAFIROAD**
-  **Ballast Nedam**
-  **Unidoc**
-  **KWS**
-  **heijmans**
-  **n.v. DE GROOTE Gaston s.a.**

All together over 300 organisations. From small business to
large contractors and governments.



|||| ANY QUESTIONS? ||||

VELUVINE



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VELUVINE