

VELURROUTE ROSSIGNOL SPRAY MMA 100 SYSTEM

TYPE 100 System: Veluroute Rossignol 98:2 Base in combination with Veluvine Reactive Plusbeads. A two-component spray road-marking product based on acrylic monomers without n-butyl acrylate.

FEATURES

- Highly durable
- Cold applied and quick drying
- Excellent day and night visibility
- Excellent wet night visibility which can be enhanced in combination with big beads
- Suitable for bituminous and concrete surfaces
- Excellent skid resistance
- Solvent free
- Low odour

TECHNICAL CHARACTERISTICS (A and B component)

Density	$\pm 1,6 \text{ g/cm}^3$
Viscosity	$\pm 85 \text{ KU at } 20^\circ\text{C}$ (spray viscosity)
Skid resistance	$> 55 \text{ SRT}$ using the right drop-on mixture
Luminance	$\beta > 0,80$
Flashpoint	10°C
Storage stability	6 months (stored in a cool place).

APPLICATION

Method

Mix the Veluroute Rossignol 100 (98:2 Base) thoroughly using a helical stirrer before use. Apply by spraying a homogeneous layer using any available standard airless or pneumatic spray machine. Recommended spray tip sizes: 219, 319, 221, 321, 217 and 317. 219 and 319 are preferable. The hardening process will start after dropping-on immediately with Veluvine Reactive Plusbeads, which are coated with hardener. It is imperative to apply the correct amount of Veluvine Reactive Plusbeads and the spread rates are shown below. If applying Veluvine Reactive Plusbeads by hand it is recommended to use the Veluvine glass bead dispenser with two passes over the marking.

Hardening

Once the correct dosage of Veluvine Reactive Plusbeads has been applied a fast hardening process will occur. Fully cured within 10 minutes at 20°C . Curing times vary according to surface and ambient temperature. Do not apply at temperatures below 5°C .

Thinning

Veluroute Rossignol 100 (98:2 Base) will be delivered at spray viscosity. If necessary the material can be diluted



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exclusively with a maximum of 1% Veluvine reactive thinner VG 55.

Conditions

Minimum Temperature (Surface and Air) 5°C
Maximum Temperature (Surface and Air) 40°C
Maximum Humidity 80%

Cleaning

Use Veluvine thinner VG44 or VG40.

Consumption

The hardening mechanism is based on a chemical reaction instead of an evaporation process, therefore it is possible to apply a layer thickness up to 1 mm.

100!	330 micron	Veluroute Rossignol 98:2	525 g/m ²
		Veluvine Reactive Plusbeads 400	750 g/m ²
100!	400 micron	Veluroute Rossignol 98:2	640 g/m ²
		Veluvine Reactive Plusbeads 9082	819 g/m ²
100!	600 micron	Veluroute Rossignol 98:2	950 g/m ²
		Veluvine Reactive Plusbeads 1500-600	1100 g/m ²

PACKAGING

Veluroute Rossignol 100 (98:2 Base) in 25 kg metal pails.
Veluvine Reactive Plusbeads in 16kg metal pails, 25kg metal pails or 25kg paper bags.

COLOURS:

White, Traffic Yellow (RAL 1023), Traffic Red (Ral 3020), Traffic Green (RAL 6024), Traffic Blue (RAL 5017).
Other colours available on request. Non-reflective, skid resistant Veluvine Reactive Plusbeads GEM 500 also available for use with colours. In this case Veluroute Rossignol should be applied at a layer thickness of 400 microns (640g/m²) with Veluvine Reactive Plusbeads GEM 500 at 850g/m².

REMOVAL:

Veluroute Rossignol can be removed using the revolutionary and biodegradable markings remover Velumove in combination with low pressure washing/hydroblasting without causing any damage to the underlying surface. Please consult Veluvine for more details.

CERTIFICATION:

Veluroute Rossignol is certified for use in UK and Ireland based on official road trials according to EN 1436, EN 1824 and EN 1871.

SPECIAL CONDITIONS:

Prior to application to new asphalt surfaces, please consult with Veluvine to establish the correct system mix for your project. A small trial should be carried out to confirm suitability before work is undertaken.