



# LYRA

## Waterborne Paint Road & Urban

### COMPLIANCE



**1RH1607S1**  
**1RH1230S2**  
**1RH1293S1**  
**1H929S1**

Durability  
Strong retroreflection  
Drying accelerator  
Whiteness

**P6 Q2 R3 S1**  
**P5 Q2 R4 S1**  
**P5 Q2 R3 S1**  
**P5 Q3 S1**

### SUSTAINABLE DEVELOPMENT



Certified french standard for Environment.  
Life Cycle Analysis (LCA) to standard ISO 14044 available.  
Convenient and ecological packaging.  
Low impact for environment.

### APPLICATOR



High durability (P6) for an optimized cost of use.  
Neutral odour and fast drying.  
Product packaged with a plastic pocket for a reduction of waste costs.  
Multi-certified product for an optimized stock.  
Certifications to attend road and urban needs.



FABRICATION  
FRANÇAISE



Site de Production

## RECOMMENDED APPLICATION LYRA

Field of use	Highway & Road	Urban	Special & Symbol	P5 1 000 000 wheel passage	Retroreflection Rl > R4	Daytime Visibility Qd > Q3	SRT ≥ 0.55	Injected & Drop-on	Drying Accelerator	VNTP
LYRA Ocitto 1RH1230S2	✓		✓	✓						
LYRA Atempo 1H929S1		✓	✓	✓		✓				
LYRA Rapido 1RH1293S1	✓		✓	✓					✓	
LYRA Ocitto 1RH1607S1	✓		✓	✓				✓		

### TECHNICAL DATA

Waterborne paint.  
 Binder 100% acrylic resin.  
 Pigment Titanium dioxyde.  
 Density : 1.66 kg/l.  
 Dry extract : 77%.  
 Drying time : 2 to 6 min approx.

### CONDITIONS OF APPLICATION

Airless machine or manual application.  
 Recommended doses : 280 to 430 g/m<sup>2</sup>.  
 Over any dry and clean new asphalt.  
 Maximum humidity : 80%.  
 Surface temperature : 5°C < T < 45°C.  
 Cleaning with water.

### PACKAGING & STORAGE

Packaging : 25 kg (15 L approx.) & 300 kg (185 L approx.).  
 Pallet : 900 kg (36 drums of 25 kg) or 1200 kg (4 containers of 300 kg).  
 Storage & Transport : Dry, frost free place.  
 Shelf Life : 12 months in unopened packaging from manufacturing date.

### SAFETY & ENVIRONMENT

Product for professional use only.  
 Soiled packaging and cleaning products should be discarded according to local regulation.  
 Refer to the Safety Datasheet (MSDS) on [sar.fr](http://sar.fr).

## Contact our Commercial Service

[customerservice@sar.fr](mailto:customerservice@sar.fr)



103-105, rue des Trois Fontanot  
 92022 Nanterre CEDEX - France  
 T/ +33 1 41 20 31 10



## TECHNICAL RECOMMENDATION LYRA

<b>Product :</b>	LYRA waterborne paint, ready to use.
<b>Homologation :</b>	Road marking product compliant to EN 1436 & EN 1824.
<b>Usage :</b>	Linear works on highways, roads and urban areas.
<b>Drying :</b>	Drying water evaporation.
<b>Temperature :</b>	5°C < T < 45°C.
<b>Humidity :</b>	< 80%.
<b>Drying Time :</b>	1 to 10 minutes according to weather conditions.
<b>Paint Application :</b>	Spray with airless & self-propelled machine.
<b>Beads Application :</b>	Mechanical application with beads dispenser.
<b>Cleaning :</b>	Only water, no diluent.
<b>Support :</b>	Over any dry and clean new asphalt.
<b>Old Markings :</b>	Review adhesion and compatibility between products. Primer can be recommended.

## EQUIPMENT



**Airless :** Filter low pressure 4 to 8 Mesh & Filter high pressure 50 Mesh.  
 Nozzle size 15 to 67 mm inches according to targeted dosage.  
 Nozzle angle 30° to 60° according to targeted width.  
 Gun height 150 to 200 mm according to nozzle angle.  
 Application pressure 80 to 120 bar according to nozzle size and application speed.



**Roll :** Size 6 to 8 mm.



**Beads :** Automatic and pressurized beads dispenser.

## TYPE OF WORKS

**New :** According to the opening of the asphalt, it is necessary to adjust the dosage. If the asphalt has less than 15 days (presence of oils and wax on the surface), wait before application to avoid the influence of light fractions bitumen that may stain or interfere with the adhesion of the marking.

**Maintenance :** Adapt the dosage and review the adhesion with the old marking.

## USE RECOMMANDATIONS

Do not dilute. Before use, the product must be mixed until a perfect homogeneity.

Make sure there is no air entry in the paint circuit (risk of foaming & drying)

Never leave the tank of paint open and refuel it at the end of the day.

If necessary, spray a light film of water on the surface of the product and on the uncovered walls of the tank.

Regularly clean the high and low pressure filters and fill them with water when reassembling.

## EQUIPMENT PREPARATION

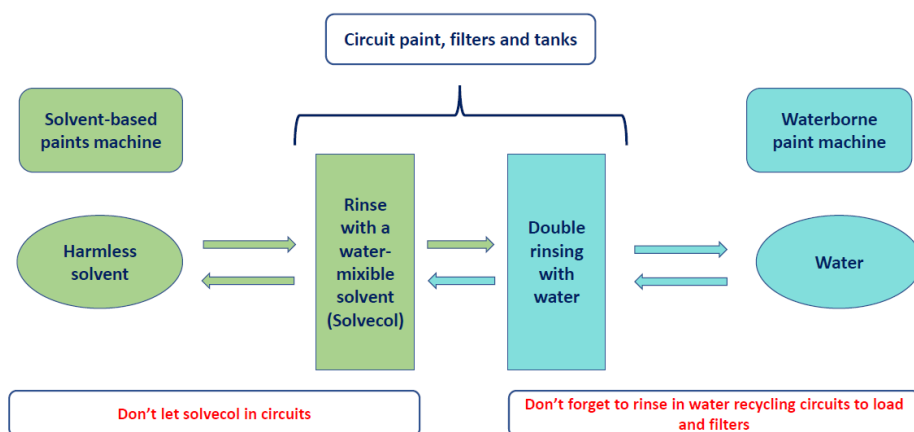
Empty the solvent paint tanks and purge the paint circuit as well as all the paint guns (shaft, bank and manual). Clean the high-pressure and low-pressure filters as well as the paint tanks without leaving any residue on the walls and carry out a double rinse with Solvecol, a water-miscible solvent. Between each rinse, clean the HP and LP filters. Then carry out a double rinse with water and between each rinse, clean the HP and BP filters. Drain the entire circuit including the recycling circuit and fill the tank(s) with waterborne paint and purge the circuits by "spitting" all the guns of the machine, until the rinse water is completely eliminated in the circuits. The machine is ready for use

To apply LYRA paint, it is necessary to respect some basic settings.

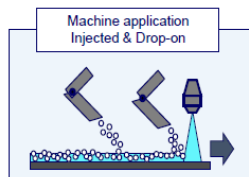
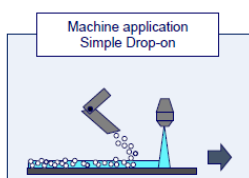
\*The height range of the gun should be between 15 and 20 cm depending on the desired strip width.

Start at 18 cm and then adjust.

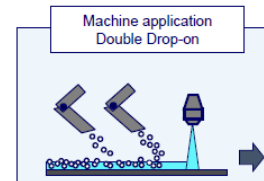
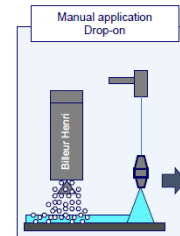
\*Too much pressure causes splashing. The pressure should be lowered until the paint bursts, i.e. the lines appear in the paint stream; then increase the pressure slightly until the stream is uniform. Weigh the paint to check the desired weight. Change the nozzle diameter if the desired weight is not achieved. Do not adjust the pressure if the weight is too low or too high. Everything must be done by nozzle size, which requires a set of nozzles of different sizes.



## RECOMMENDED DOSAGE



PRODUCT	Dosage LYRA g/m <sup>2</sup>	Dosage Drop-on g/m <sup>2</sup>
LYRA Ocitto 1RH1607S1	300	280
LYRA Ocitto 1RH1230S2	280	305
LYRA Rapido 1RH1293S1	430	340
LYRA Atempo 1H929S1	380	155



## ENVIRONMENT & SECURITY

Regulation on the transport of dangerous goods : Product is NO ADR.

Obligation to be handled with the usual precautions when melting: gloves, work clothes, goggles, especially in case of splashing.

Consult the Material Safety Data Sheet (MSDS) on [sar.fr](http://sar.fr)

For additional information

[sar.fr](http://sar.fr)

