



HYDRAL

Waterborne Paint Road & Urban

COMPLIANCE



1RH1516S1	Strong durability	P6 Q2 R3 S1
1RH1665S1	Injected & Drop-on	P6 Q2 R4 S1
1RH1614S2	Low dosage	P5 Q2 R3 S2
1RH1615S2	Injected & Drop-on	P5 Q2 R3 S2
1RH1610S1	Drying accelerator	P5 Q2 R3 S1
1RH1611S1	Drying accelerator	P5 Q2 R4 S1
1RH1666S1	Good retroreflection	P5 Q2 R3 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 & P5) 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 a optimized stock.
Certifications to attend road and urban needs.



RECOMMENDED APPLICATION

Field of use	Highway & Road	Urban	Special & Symbol	P6 2 000 000 wheel passages	P5 1 000 000 wheel passages	Rétroreflection RI \geq R4	Daytime Visibility Qd \geq Q3	SRT S \geq 0.55	Injected & Drop-on	Drying Accelerator
NOVA Atempo 1RH1516S1	✓		✓	✓						
NOVA Ocitto 1RH1665S1	✓		✓	✓		✓			✓	
NOVA Nocto 1RH1614S2	✓		✓		✓					
NOVA Ocitto 1RH1615S2	✓		✓		✓				✓	
NOVA Rapido 1RH1610S1	✓		✓		✓					✓
NOVA Rapido 1RH1611S1	✓		✓		✓	✓				✓
NOVA Nocto 1RH1666S1	✓		✓		✓					

TECHNICAL DATA

Waterborne paint.
 Binder 100% acrylic resin.
 Pigment Titanium dioxyde.
 Density : 1.63 kg/l.
 Dry extract : 75.5%.
 Drying time : 5 to 20 min approx.

CONDITIONS OF APPLICATION

Airless machine or manual application.
 Recommended doses : 200 to 480 g/m².
 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.

Contact our Commercial Service

customerservice@sar.fr



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TECHNICAL RECOMMENDATION

Product :	Waterborne paint, ready to use.
Homologation :	Road marking product compliant to EN 1436 & EN 1824.
Usage :	Linear works on highways, roads and urban areas.
Drying :	Drying water evaporation.
Temperature :	5°C < T < 45°C.
Humidity :	< 80%.
Drying Time :	5 to 20 minutes according to weather conditions.
Paint Application :	Spray with airless & self-propelled machine.
Beads Application :	Mechanical application with beads dispenser.
Cleaning :	Only water, no diluent.
Support :	Over any dry and clean new asphalt.
Old Markings :	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 47 mm inches according to targeted dosage.
 Nozzle angle 20° to 50° according to targeted width.
 Gun height 150 to 200 mm according to nozzle angle.
 Application pressure 80 to 100 bar according to nozzle size and application speed.



Pneumatic : Nozzle size 4.5 to 6 mm according to targeted dosage.
 Application pressure 2.5 to 5 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 RECOMMENDATIONS

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 tank of solventborne paint and purge the paint circuit as well as all spray guns.

Clean the high and low pressure filters.

Clean the paint tank without leaving residues on the walls and double-rinse with Solvecol, solvent miscible in water.

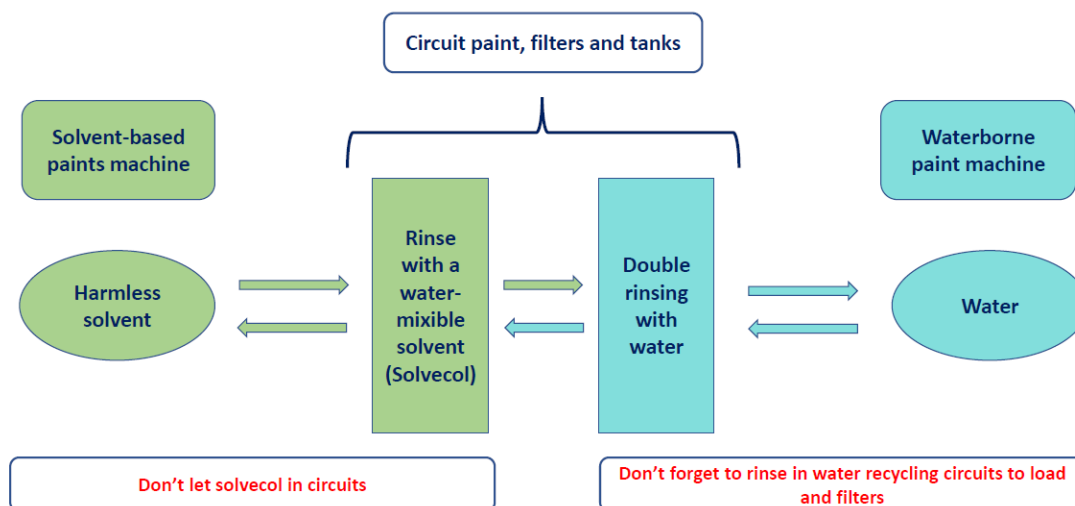
Between each rinse, clean the HP and LP filters.

Then double-rinse with water and between each rinse, clean the HP and LP filters.

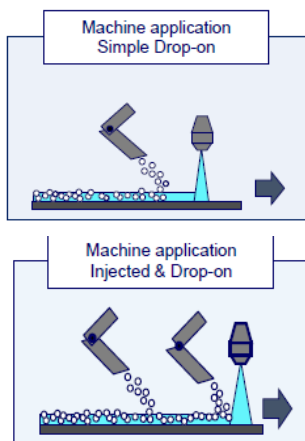
Drain the entire circuit including the recycling circuit.

Fill the tank with waterborne paint and purge the circuits by "spitting" all the guns on the machine, until all the rinsing water has been eliminated of the circuits.

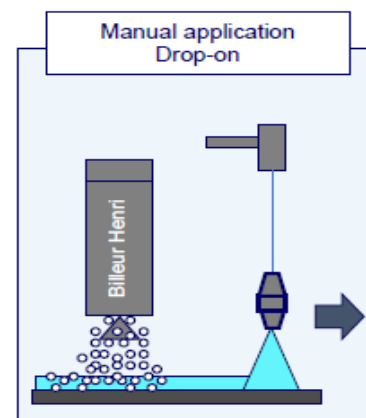
The machine is ready for use.



RECOMMENDED DOSAGE



PRODUCT	Dosage NOVA g/m ²	Dosage Drop-on g/m ²
NOVA	200 to 480	385



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.

For additional information

sar.fr

