



# RADIAN

Cold Plastic White  
Road & Urban

## COMPLIANCE



**1RH1714S1**  
**1H1588S1**  
**1H1668S3**

Low dosage  
Exceptional whiteness  
Anti-skid without load

**P6 Q2 R3 S1**  
**P6 Q4 S1**  
**P5 Q4 S3**

## SUSTAINABLE DEVELOPMENT



Low VOC.  
Life Cycle Analysis (LCA) to standard ISO 14044 available.  
Convenient and ecological packaging.

## APPLICATOR



High durability (P6) for an optimized cost of use.  
Anti-skid without drop-on.  
Ease of application.  
Multi-certified product for a optimized stock.



FABRICATION  
FRANÇAISE



Site de Production

## RECOMMENDED APPLICATION

Field of use	Highway & Road	Urban	Special & Symbol	P6 2 000 000 wheel passages	Retroreflection ≥R4	Daytime Visibility ≥ Q3	SRT ≥ 0,55
RADIAN Nocto 1RH1587S2	✓	✓	✓	✓			
RADIAN Atempo 1H1588S1		✓	✓	✓		✓	
RADIAN Agripp 1H1668S3		✓	✓			✓	✓

## TECHNICAL DATA

Cold plastic.  
 Binder methacrylate resin.  
 Pigment Titanium dioxide.  
 Density : 1.93 kg/l.  
 Dry extract : 85,3%.  
 Drying time : 8 to 9 min approx.

## CONDITIONS OF APPLICATION

Manual or screed application.  
 Recommended doses : 1395 to 1520 g/m<sup>2</sup>.  
 Over any dry and clean new asphalt.  
 Maximum humidity : 80%.  
 Surface temperature : 5°C < T < 40°C.  
 Cleaning with Solvecol or Solveo.

## PACKAGING & STORAGE

Packaging: 6 kg - 18 kg.  
 Storage and transport : Dry, frost free place, and away from direct sunlight.  
 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)



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## TECHNICAL RECOMMENDATION

<b>Product :</b>	Cold Plastic manual (98% cold plastic & 2% peroxide).
<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 by chemical evaporation.
<b>Temperature :</b>	5°C < T < 40°C.
<b>Humidity :</b>	< 80%.
<b>Drying Time :</b>	6 to 15 minutes according to weather conditions.
<b>Paint Application :</b>	Screed box or manual (spatula) application.
<b>Beads Application :</b>	Mechanical application with beads dispenser.
<b>Cleaning :</b>	Solvecol or solveo.
<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



**Screed box :** Screed box with adjustable opening.



**Spatula :** Smooth or notched.



**Beads :** Manual 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 is achieved.

Mix component B with component A, at a rate of 2% peroxide (of 100 g for a 6 kg pot of component A).

Once the layer of product has been applicate, never rework the product surface.

In hot weather, if necessary, reduce the amount of peroxide.

Concrete application is not recommended. Otherwise, apply primer CPR14.

## EQUIPMENT PREPARATION

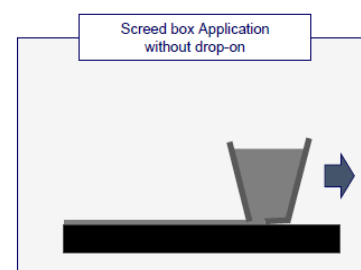
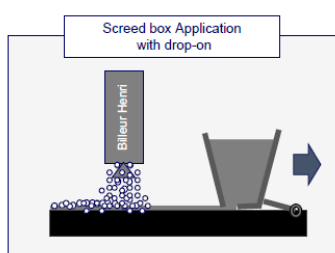
### Screed box application :

Homogenize component A and mix component B with component A, ideally with a mixer.  
 Pour the mixed product into the screed box. The width of the screed box will determine the width of the line.  
 Make an application test and if necessary adjust the thickness of the applied product.  
 Drop-on the glass beads immediately after the product application.  
 Do not forget the rinsing/cleaning process at each stop longer than 5 minutes.

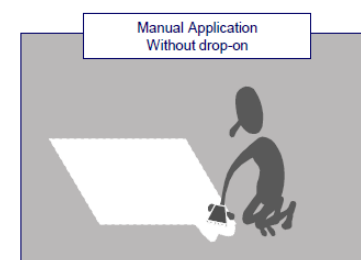
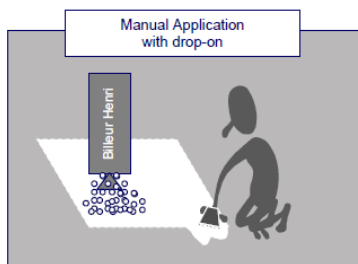
### Manual application :

Mark the areas to be marked with masking tape.  
 Homogenize component A and mix component B with component A, ideally with a mixer.  
 Pour the mixed product on the asphalt to be marked. Manually apply the mixture with the chosen tool.  
 Drop-on the glass beads immediately after the product application.  
 Remove the masking tape before complete drying of the marking.

## RECOMMENDED DOSAGE



PRODUCT	Dosage RADIAN g/m <sup>2</sup>	Dosage Drop-on g/m <sup>2</sup>
<b>RADIAN</b>	<b>1395 to 1525</b>	<b>160</b>



## ENVIRONMENT & SECURITY

Regulation on the transport of dangerous goods : Product subject to ADR regulation.  
 Obligation to be handled with the usual precautions when melting: gloves, work clothes, goggles, especially in case of splashing.

For additionnal information

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

