



TECHNICAL DATA SHEET

3412SP – CITYCRIL YELLOW RAL 1003 (LEAD-FREE)

DESCRIPTION

- ⇒ High quality, acrylic paint.
- ⇒ Recommended for city and road marking.
- ⇒ Colour: YELLOW RAL.1003

PROPERTIES

- ⇒ Easy application.
- ⇒ Perfect glass beads retention on reflective markings.
- ⇒ High colour resistance outdoor conditions.
- ⇒ Adherence in all type of pavement, rigid and flexible.
- ⇒ Great hardness.
- ⇒ Resistant to alkalis due to its nonsaponifiable property.
- ⇒ Machinery easy to clean.
- ⇒ Use glass beads for night visibility.
- ⇒ This product presents as main characteristic fast hardening (Persoz Hardness Test).

USE SCOPE

- ⇒ Excellent adherence on bituminous and repainted surfaces.
- ⇒ Nonsaponifiable paint, intended to apply over concrete pavements.
- ⇒ To paint marking lines and symbols in urban and road works.

APPLICATION

- ⇒ Paint can be applied by gun with air spray striping machine.

DILUTION

- ⇒ Product is supplied with suitable viscosity for application.
- ⇒ If dilution is required by the application system or temperature conditions, Paint may be diluted between 1% and 2% with "**DISOLVENTE RÁPIDO - AA80**", or "**DISOLVENTE SÚPER RÁPIDO - IH80**".

INSTRUCTIONS FOR USE

- ⇒ Apply over dry and clean surfaces, free from dust, oil or dirtiness.
- ⇒ If the surface was already painted, eliminate all the remains.
- ⇒ In new concrete surfaces, rests of whitewash and curing agents can seriously damage paint adherence and other properties, so must be removed previously.
- ⇒ Mix well container's content to homogenise the product.
- ⇒ Do not apply with temperatures below 5°C or over 40°C. Do not paint over wet or damp surfaces.

DOSAGE

- ⇒ Depending on the pavement uniformity, it is recommended a dosage of 720 gr/ m².
- ⇒ To obtain reflexivity, glass beads must be added on surface, immediately after paint application. Dosage must be over 480 gr/m².

EQUIPEMENT CLEANING

- ⇒ Materials and equipment must be cleaned immediately after use with solvent for acrylic products "**DISOLVENTE RÁPIDO – AA80**".

STORAGE STABILITY

- ⇒ Outdoors lengthy storage is not convenient, neither great temperature changes (5°C – 40°C). Preserve from frost under roof.
- ⇒ The product must be used within six months after the fabrication date.

STANDARD PACKAGING

- ⇒ It is supplied in metal containers, net weight 25 kg.
- ⇒ Pallets of 36 containers. 900 kg - 960 kg including packaging.



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REQUIREMENTS AND CHARACTERISTICS

REQUIREMENTS FOR PHYSICAL CHARACTERISTICS OF YELLOW COLOUR RAL 1003 PAINT (UNE – EN 1871)		
TESTS	VALUES	TOLERANCES
Colour	Complies	Inside colour polygon
Luminance factor	Complies	LF2 ($\beta \geq 0.50$)
Storage stability	Complies	≥ 4
Artificial accelerated aging	Complies	UV1 ($\Delta\beta \leq 0.05$)
Bleeding resistance (*)	Complies	BR2 ($\Delta\beta \leq 0.05$)
Alkali Resistance (**)	Passes	Passes

IDENTIFICATION CHARACTERISTICS FOR YELLOW COLOUR RAL 1003 PAINTS (UNE – EN 1871 AND UNE – EN 12802)		
TESTS	VALUES	TOLERANCES
Density	1.45 gr/ml	± 0.04 gr/ml
Colour	Complies	Inside colour polygon
Luminance factor	≥ 0.50	$\beta \geq 0.50$
Hiding power	0.92	≥ 90 %
Solids content	70 %	± 2 % of declared value
Binding content	± 2 % of declared value	± 2 % of declared value
Solvent content	± 3 % of declared value	± 3 % of declared value
Viscosity	87 KU	± 10 KU
Ash content	± 3 % of declared value	± 3 % of declared value

(*) Exigible only in applications directly over bituminous pavement.

(**) Exigible only in applications directly over concrete pavement.

STANDARDS

- ⇒ This product is in accordance with properties and requirements specified in the Spanish standard **"PLIEGO DE PRESCRIPCIONES TÉCNICAS (PG-3) – Artículo 700 – MARCAS VIALES"**, and standards **UNE – EN 1871, UNE – EN 12802 – UNE 135200/2**.
- ⇒ **MARKINGS:** When correctly applied together with glass beads or anti-skid aggregates, it fulfills requirements in European Standard **UNE-EN 1436**.
- ⇒ **SAFETY DATA SHEET:** Please refer to the product label and security data sheet for further information. They can be requested to the technical-sales department or at our website: www.pinturasralva.com