

**7F-620 C-Floor® RM620**  
**Road marking paint**

Revision: November 2016

**PRODUCT DESCRIPTION**

C-Floor RM620 is an acrylic paint for road marking, and bituminous, concrete and cement pavements. Its main properties are:

- Fast drying.
- Complies with the European Standard EN1871.
- This paint allows building road marking systems which complies with the requirements of the European standard EN1436.
- It is possible to get a reflector effect by projection of glass bleeds.
- High resistance to wear.

**INTENDED USES**

Recommended for road marking, urban ways, parking lines, etc. Can be used for relining over alkyd, acrylic or thermoplastic paints. Its fast drying makes it suitable for cases in which the interruption of traffic only may be made in very short periods.

**PROPERTIES**

<b>Finish</b>	Matt
<b>Colour</b>	White (0501) and Yellow (Y907) <sup>a)</sup> Chromaticity coordinates according UNE 135200-2.
<b>Components</b>	1
<b>Weight solids</b>	71% ± 2% (EN 12802) For white colour
<b>Specific gravity</b>	1.49 ± 0,02 g/mL (EN ISO 2811-1).
<b>Number of coats</b>	1
<b>Application method</b>	Roller, conventional spray and airless spray. Can be used road marking machine capable of applying and controlling automatically dosage and homogeneity (in accordance with UNE 135277-1).
<b>Recommended consumption</b>	600 – 750 g/m <sup>2</sup> Allow for application losses, surface irregularities, etc.
<b>Drying times</b>	At 20°C and 60% HR: To touch: 15 minutes To through: 1 h (open to traffic)  Drying times depend on temperature, ventilation and film thickness

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<b>Luminance factor</b>	White colour	Yellow Colour
	$\beta=0,90$ ; Class: LF7 Norm specification UNE 48073-2: $\geq 0,85$ (white); $\geq 0,40$ (yellow)	$\beta=0,58$ ; Class: LF2
<b>Bleed resistance</b>	BR2 (EN 1871)	
<b>Accelerated ultraviolet ageing</b>	UV1 (EN 1871 / UV-B)	
<b>Retroreflectivity</b>	To give reflective effect Glass Beads 600 – 125 SL must be projected over paint, immediately after paint application, at 200 – 350 g/m <sup>2</sup> .	

**SURFACE PREPARATION**

Pavement must be dry and exempt of oil or other contaminants. In case of relining, make sure of the good adhesion on the pavement of the pre-existing road marking. In case of application upon new concrete pavements, remove the possible remainder of the curing agent, because they can damage the adhesion of the road marking on the pavement.  
 Over alkaline substrates a previous white coat of the product should be applied.

**APLICACIÓN**

Stir the material for 5 minutes with power mixer and low revolutions. In confined areas should be created good ventilation during application and drying until all solvents are removed.

**Application environmental conditions:**

Temperature	above 5 °C
Relative humidity	below 90 %
Surface temperature	neither below 5 °C nor above 40 °C and 5 °C above dew point
Wind speed	below 25 km/h

**Application equipment:**

This paint is usually applied with adequate equipment and application data must be determined through testing with each of the possible equipments. In a general way, thinning it is not necessary, and adjustments must be made by modification of the air pressures and appropriate choice of nozzles. In case that thinning was required, it shall not exceed 3%.

Thinner: 59-520.0000 (Dil. ME)  
 Cleaner: 52-510.0000 (Dil. Industrial)

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**ADDITIONAL INFORMATION****Curing mechanism** Solvent release**Volatile Organic Compound (VOC)**

EU limit for this product (cat. A/i): 500 g/L

This product contains max. 462 g/L \*

\* The VOC value shown above refers to a ready for use product, as tinted, thinned, etc in accordance with our recommendations. We are not responsible for products obtained by mixing products with are different from those we have recommended and we must draw attention to the responsibility of anyone involved within the supply chain not to infringe Directive 2004/12/CE.

**Flash point (closed cup)**

Product 4 °C

Thinner 4 °C (59-520.0000)

Cleaner inferior a 0° C (52-510.0000)

**Packaging** 6 and 25 kg**Shelf life**

1 year when stored indoors in unopened, original containers at 5 to 40 °C.

**NOTES**

a) There may be slight changes from batch to batch of Y907 colour, so we recommend using the same batch in the same area of application (eg. parking marking). Any colour variation of this product is within the limits set by EN 1871.

**SAFETY, HEALTH AND ENVIRONMENT**

Protect the eyes and skin from contact, gloves, goggles and appropriate clothing should be worn. Keep out of the reach of children. Use only in well ventilated areas. Do not empty into drains. Keep the container properly sealed and stored in the correct place. Take correct measures when transporting the product so as to avoid any accidents that could rupture the can or cause damage to the packaging. Ensure that the container is correctly stacked in a safe area. Do not store or use the product in extreme temperature conditions. Always take account of the appropriate legislation relating to the environmental and Health and Safety at Work. For more information it is essential to read the label on the container and the product MATERIAL SAFETY DATA SHEET of this product, its components and all complementary products referred on Technical Data Sheet.

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