



TECHNICAL DATA SHEET

9.1 WATER-BASED

► Floor marking acqua

Acrylic paint for floor marking
1078 / Version 3 / 04-12-2023



DESCRIPTION

Special paint for road marking, based on acrylic resins in aqueous dispersion, applicable in thick layers and very quick-drying.

PROPERTIES

- Very quick-drying.
- It does not bleed on asphalt.
- Very good adherence on asphalt and concrete pavements.
- Resistant to the negative effects of weathering.
- High hardness.
- Good resistance to abrasion and shock
- With the addition of glass microspheres a reflecting effect is obtained.

USES

Particularly indicated for signalling: roads, streets, car parks, etc.

TECHNICAL DATA

Appearance	Matt.
Colour	White, Red, Blue y Yellow.
Density at 20°C (Kg/L)	1.70 ± 0.05.
Content in solids % volume	66 ± 1
Touch dry	No dirt pick up 25 min
Yield (m²/L):	3.5 m ² /l (200 microns thick)
% spray gun dilution	Airless spray gun: 0 - 5 Airbrushing spray gun: 0 - 10
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 33.50 g/l

HOW TO APPLY

- Stir the product until totally smooth.
- The surfaces to be painted must be clean, dry and free of dust, grease, saltpetre, etc.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Always apply above 7°C and below 40°C.

RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

AMBIENT CONDITIONS:

It is not recommended to paint in rainy weather or at times of peak heat.



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SURFACE PREPARATION

UNPAINTED SURFACES:

Concrete:

- The paving must be in the very best condition as regards optimum preparation, i.e. clean, dry and even. Wait to complete setting (1 month).
- Remove efflorescences, product residues and foreign substances (grease, dust, oils and/or derivatives, etc.).
- It is essential to regulate porosity on the surface to ensure penetration and anchorage of the paint; to achieve this, the best outcomes are obtained using mechanical methods, which remove any type of unwanted substance or foreign body and regulate surface porosity.
- If mechanical treatment cannot be carried out, use at least one chemical treatment: remove foreign or undesired agents using diluted hydrochloric acid, then remove the acid residues with plenty of water. Allow the surface to dry and then paint as normal.

Asphalt agglomerates:

- Removal of product residues and foreign substances.

PRE-PAINTED SURFACES IN GOOD CONDITION:

Pre-painted surface in good condition:

- See compatibility with the previous paint.
- Clear oil or grease residue.
- Regulate high porosity by applying a coat of fixer (See possible application systems).

PRE-PAINTED SURFACES IN POOR CONDITION:

Pre-painted surface in poor condition:

- If the paint is old or badly adhered with defects such as chalking, blistering, peeling, cracking, etc., it must be completely removed and then apply a coat of transparent acrylic fixer. (see possible application systems)

POSSIBLE APPLICATION SYSTEMS

Use a roller or spray gun for normal application of Acqua floor marking. At least two top coats are recommended. Prior to the top coat and depending on the wall apply primer suitable for the yield specified in each case. The reflective effect of the painting is achieved with the addition of glass microspheres. It can be done directly on the product or immediately after painting the soil, by spraying the paint surface before drying. The best outcome in terms of reflectance is obtained by this second method.

PRIMERS:

- Fixacril Solvent-based acrylic fixer: Non-consolidated absorbent surfaces: Yield: Concrete: 15-20 m²/L. Cement mortars: 10-15 m²/L. Fibre cement: 10 - 15 m²/L. Plaster/Cast plaster: 5 - 15 m²/L. Painted surfaces: 15 - 20 m²/L. Coats: 1

FINISH SEÑALIZACIÓN VIAL ACQUA:

- Yield: 3.5 m²/l
- Coats: 1

SAFETY

Consult the current safety data sheet for safe handling (Section 8.2). Unsuitable for children. Keep out of the reach of children. Do not place painted surfaces into the mouth.

REMOVAL

Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling, in line with the local and national legislation in force. Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling. Do not pour down drains or into the environment. Dispose of the product at an authorised waste disposal site or through an authorised waste management company. Waste must be handled, stored and disposed of pursuant to current local- national legislation.

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STORAGE

See storage conditions indicated in section 7.2 of the current safety data sheet. Store the containers away from high temperatures, direct exposure to the sun and frost. Maximum recommended storage time: 12 months from manufacture in fully sealed original container, indoors and at temperatures between 5° and 35° C.

LEGAL TEXT NOTE

This information and, in particular, the recommendations regarding the application and final use of the product, are given in good faith, based on the current knowledge and experience of Isaval Paints of the products when they are properly stored, handled and applied, in normal situations, within its useful life, according to the recommendations of Pinturas Isaval. In practice, the possible differences in the materials, supports and actual conditions at the place of application are such that it cannot be inferred from the information in this document, no any other written recommendation, neither any advice offered, will insure the guarantee in terms of marketing or suitability for particular purposes, neither any obligation outside of any legal relationship that may exist. The user of the products must carry out the tests to verify their suitability according to the use they want to give. Pinturas Isaval reserves the right to change the specifications of its products. The property rights of third parties must be respected. All orders are accepted according to the terms of our current General Conditions of Sale and Supply. Users should know and use the latest and updated version of the local Product Data Sheets, a copy of which will be sent to whoever requests them, or can also be obtained on the page "www.isaval.es". Data on this Sheet are based on laboratory tests. The measures taken "on site" may vary due to circumstances beyond our control.