



TECHNICAL DATA SHEET

3.2 WATER-BASED

► Acquatex Black heat-resistant

Silicone resin enamel

1140 / Version 3 / 04-03-2025



DESCRIPTION

Aqueous enamel based on silicone resins, with high resistance to high temperatures of up to 450° C. Highly decorative appearance in matt black colour.

PROPERTIES

- Good levelling and brushability.
- Quick drying.
- Good adhesion to common construction materials.
- Maximum temperature resistance is achieved after 48 hours.

USES

Decoration and protection of fireplaces, stoves, tanks, radiators, etc. that reach a maximum temperature of 450° C. Indoor use.

TECHNICAL DATA

Appearance	Matt.
Colour	Black.
Density at 20°C (Kg/L)	1.27 ± 0.05
Content in solids % volume	36
Yield (m²/L):	10 - 14
Touch dry (20°C) (min)	60
Second coat (hours)	4 - 6
Thinner	Water.
% brush or roller dilution	0 - 5
% spray gun dilution	10 - 15
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 56,70 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.
- If the surface is already painted, ensure the previous paint is in good condition and well-adhered.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not paint at a temperature of below 7°C .

RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

AMBIENT CONDITIONS:

The paint should not be applied under conditions of excessive sunlight, strong winds, or if rain is forecast.



3.2 WATER-BASED

► Acquatex Black heat-resistant

Silicone resin enamel

1140 / Version 3 / 04-03-2025

SURFACE PREPARATION

UNPAINTED SURFACES:

Iron and Steel:

- Remove any existing mill scale. Remove any rust or rusted material (by sandblasting or scraping and mechanical or manual brushing), until a rust-free surface remains.

PRE-PAINTED SURFACES IN GOOD CONDITION:

Iron and Steel:

- If the surface is enamel coated, the existing enamel layer should be removed with our PAINT STRIPPER. Paint as if it were a new unpainted surface.

POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of Acquatex heat-resistant. At least two top coats are recommended.

FINISH ACQUATEX ANTICALÓRICO NEGRO:

- Yield: 10 - 14 m²/l
- Coats: 2

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.

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. All data in this document are based on laboratory tests conducted at 20°C and 1 atm pressure. Measurements taken "on-site" may vary due to circumstances beyond our control, such as changes in environmental conditions of pressure and temperature.