

AQ Colorant

Description

Quartzline AQ Colorant is a universal concentrated pigment paste, based on organic and inorganic pigments well dispersed in water.

AQ Colorant can be used for waterborne acrylic dispersion, alkyd emulsions and 2-component water-based polyurethane and epoxy systems. These pastes were developed specifically to be used in conjunction with Quartzline systems such as the Coating PU SG Coloured, Cementitious Micro and the Cementitious SL Decorative.

All 11 colour pastes can be mixed together in any ratio to obtain a wide range of colours, including all RAL and NCS shades. Other colours can be developed on request.

The unique advantage of our colour pastes is, unlike other standard industrial concentrates, that they all react the same way within a coating system. No matter which colour you use, it will always give the same viscosity within a coating system.

The use of Quartzline AQ Colorant guarantees a good colour accuracy and high colour reproducibility. Contains surfactant and dispersant, thus compatible with a wide range of base materials and hardeners.

Also available with complete database and tinting system for larger production facilities.

Properties

High pigment content and colour strength, only a minimal dosage is required

Almost all RAL, NCS and Sikkens colours possible

VOC-free

Low odour

Suitable for tinting systems

Density ¹ (g/cm³) See below

Usage coatings ² (%) 5 – 20

Solid content See below

¹ = EN 12190, 14 dagen / + 23°C / 50% R.H

² = Percentage by weight. Actual quantity depending on desired colour strength, hiding power and layer thickness

Name	Density (g/cm ³)	Pigment Content
AQ Colorant White	2.0251	70 %
AQ Colorant Black	1,8266	65 %
AQ Colorant Oxide Yellow	2.1257	70 %
AQ Colorant Oxide Red	1,9252	60 %
AQ Colorant Organic Yellow	1,5181	60 %
AQ Colorant Organic Red	1,3602	50 %
AQ Colorant Organic Orange	1,7316	65 %
AQ Colorant Phtalo Blue	1,6298	60 %
AQ Colorant Phtalo Green	1,7206	60 %
AQ Colorant Violet Blue	1,9015	60 %
AQ Colorant Violet Red	1,8641	60 %

Dispenser

These pigment concentrates are suitable for use in automatic dispensing systems.

In collaboration with Füll Dispensing Systems, Quartzline can supply a complete solution. The special volumetric VX5 dispensing system can be customized to your needs. Canister sizes can be determined based on your expected use.

The Füll automatic dispensing system comes with a complete Ral and NCS colour database, computer and software package pre-installed.

This gives our customers the opportunity to buy colourless Quartzline waterbased systems and colour them on location. An especially interesting and advantageous proposition for Quartzline distributors.



Form

Coloured paste.

Packaging

1 kg, 5 kg, 10 kg and 20 kg buckets. Larger quantities on request.

Shelf life / Storage

Up to 12 months after the production date when kept in the original sealed, unopened and undamaged packaging and stored dry between +5°C and +30°C.

Mixing

Before use, mix thoroughly

Application

Add Quartzline AQ Colorant to base component whilst stirring, preferably by means of a mechanical stirrer.

Value base

All technical data stated in this technical data sheet is based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Health and safety information

For information and advice on the safety handling, storage and disposal of chemical products, users should refer to the most recent material safety data sheet containing physical, ecological, toxicological and other safety related data.

Legal notes

This information, and in particular the recommendations related to the application and end use of Quartzline products, is provided in good faith based on our current knowledge and experience of the products. It is valid for products that are correctly stored, treated and applied under normal conditions in accordance with Quartzline's recommendations.

In practice, differences in materials, substrates and actual on-site conditions are such that no warranty in respect of merchantability or of suitability for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.

The user of the products must test the product's suitability for the intended application and purpose. Quartzline reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the technical data sheet for the product concerned, copies of which will be supplied on request.