

Technical Data Sheet

Dokumental® RAC 2xx Acrylic Inks

Water based Acrylic Inks for Valve Action Markers

General Information

The new water-based Acrylic Inks are designed for creative painting on many surfaces like canvas, paper, glass or metal. These highly opaque inks are water-resistant after drying and available in 20 trendy colors.

Suitable Surfaces

Suitable for almost any surface:

Canvas, paper, stone, metal, glass, wood and terracotta.

Physical Data

Type	Colour	Viscosity at 20°C mPa s ± 2.0	Surface tension mN/m ± 2.0	pH-Value ± 1.0
Dokumental® RAC 200	white	15.0	30.0	8.0
Dokumental® RAC 201	grey	15.0	32.0	8.0
Dokumental® RAC 202	light grey	15.0	30.0	8.0
Dokumental® RAC 203	pink	15.0	30.0	8.0
Dokumental® RAC 204	light green	15.0	30.0	8.0
Dokumental® RAC 205	fluo yellow	15.0	30.0	8.0
Dokumental® RAC 206	fluo green	15.0	32.0	8.0
Dokumental® RAC 207	fluo pink	15.0	32.0	8.0
Dokumental® RAC 208	green	18.0	32.0	8.0
Dokumental® RAC 209	violet	15.0	32.0	8.0
Dokumental® RAC 210	red	18.0	32.0	8.0
Dokumental® RAC 211	magenta	18.0	33.0	8.0
Dokumental® RAC 212	orange	18.0	32.0	8.0
Dokumental® RAC 213	yellow	18.0	32.0	8.0
Dokumental® RAC 214.1	light blue	15.0	32.0	8.0
Dokumental® RAC 215.1	dark blue	18.0	32.0	8.0
Dokumental® RAC 216	brown	18.0	32.0	8.0
Dokumental® RAC 217	black	15.0	33.0	8.0
Dokumental® RAC 218	silver	12.0	30.0	7.5
Dokumental® RAC 219	gold	12.0	30.0	8.0

Technical Advice

Suitable Components

Use valve action markers only!

Nibs: polyester, acrylic with high porosity

Barrels, Caps, Plugs: polypropylene, polyethylene

It is mandatory to approve the compatibility of the ink and the components as well as the performance of the writing system. Before use of our product the filling station has to be maintained and cleaned carefully. The inks are sensitive to any kind of conta-

mination (e.g. chemical or microbial contaminations). Crosscontamination of the inks may lead to a colour mismatch or will even lead to a defective marker or shorter shelf life.

The inks contain biocides to prevent microbial growth, but for best protection we additionally recommend to ensure best hygienic conditions in production areas as well as cleanliness of all marker components.

Technical Data Sheet

Dokumental® RAC 2xx Acrylic Inks



Water based Acrylic Inks for Valve Action Markers

Storage, Handling & Transportation

Store our product frost protected and avoid direct sunlight. The recommended storage temperature is between 10°C and 30°C. Storage temperatures of above 30°C for several days bear the risk of a reduced shelf life of the ink.

Mix inks well before use.

The shelf life of the inks in original sealed containers is one year.

Inks should be stirred during filling process to avoid sedimentation in the storage tank of the assembly machine.

Markers should be stored horizontally.

Packaging

standard packaging: 25kg hobbock (further packaging units on request).

Applicable Standards & Regulations

Unless expressly agreed, no warranty is given that all standards & regulations relevant to the Customer's intended use have been and will be complied with. To the extent that compliance with certain standards & regulations is warranted, this warranty shall only apply at the time the underlying contract is entered into. There is no guarantee that the products will continue to comply with the standards & regulations in the event of future changes. Dokumental also assumes no obligation to inform the Customer of any changes to such standards & regulations that may be relevant to the Customer.

Produced by

DOKUMENTAL GmbH & Co KG
Wöllnerstraße 26
D-67065 Ludwigshafen
Phone: +49(0)621/37702-200
Fax: +49(0)621/37702-391
Mail: info@dokumental.de
www.dokumental.de