328 Kronen® Aqua Iso Door and Window Paint

Water-soluble special paint for interior and exterior use

Material description




Material type:	Opaque, water-dilutable barrier paint
Intended use:	For barrier and opaque coatings on windows and doors, as well as handrails, etc. Can be used on wood and various plastics, such as veneers, Resopal, etc., indoors and outdoors.
Properties:	• Very good barrier effect • Weather resistant • Quick drying • Very good adhesion • block-proof • Resistant to hand perspiration • Good resistance to disinfectants • Free from plasticisers • Low odour
Binder base:	Self-crosslinking acrylate
Gloss level:	Silk matt
Colours:	**Order no**.: **Colour** 9016
Density:	1.29
Thinner:	Water
Packaging:	3 x 750 ml 2 x 2.5 l
Storage	Store in a cool, dry place, protected from frost, in the original, tightly sealed container. Observe official regulations.

Application instructions

Substrates	Wood components with limited dimensional stability and dimensional stability, such as spruce panels, MDF, OSB, hardboard, other solid woods, plywood, chipboard, laminated wood. Exotic woods such as teak can cause adhesion problems and drying delays. In these cases, we recommend preliminary tests. Old coatings, iron, steel, zinc, aluminium, hard PVC*, polyester*, polyamide*, ABS*, Resopal *Due to the different types of plastic, preliminary tests must be carried out.
Substrate preparation:	**Wood:** Substrates must be clean, dry, sound, free of dust and grease. Clean dirty surfaces beforehand, check old coatings for suitability and sand them down. The wood moisture content must not exceed 15% for limited and dimensionally stable wooden components. The principles of structural wood protection must be observed in order to achieve lasting wood protection with coating materials. Sand new wooden components in the direction of the grain, clean thoroughly and remove any escaping resin and break off sharp edges. Sand down old untreated wooden components down to the sound, load-bearing wood and clean thoroughly.

Thoroughly clean and sand coated wooden components. Completely remove old coatings that are not load-bearing down to the load-bearing wood.

Preparation and testing of existing wooden substrates in accordance with BFS data sheet no. 18 and the guidelines of VOB, Part C, DIN 18 363, paras. 2 and 3. Blue stain-resistant impregnation is required on wooden components at risk of blue stain.

Galvanised surfaces: Corrosion products, grease and other contaminants must be thoroughly removed. For the preparation of zinc surfaces, pre-treatment with diluted sal ammoniac in combination with a wetting agent has proven effective. Add 0.5 litres of sal ammoniac and approx. 8 ml (1 tablespoon) of wetting agent, e.g. washing-up liquid, Pril, etc., to 10 litres of water. Using a plastic fleece (e.g. Scotch-Pritt from 3M-Company), sand the surface with this mixture until the foam turns metallic grey; The foam must be left to work on the surface for approx. 10 minutes. Then rinse with clean water and leave to dry. Lightly sandblasting with a sandblasting machine has also proven to be very effective.

Priming with 716 Jaeger Aqua Multigrund

Aluminium: Before coating with nitro thinner, degrease and remove corrosion products by sanding. Prime with 716 Jaeger Aqua Multigrund

Plastics: Wash off dirt with an all-purpose cleaner and rinse thoroughly. Sand with fine sandpaper (280-320) and rub with a cloth soaked in spirit.

Old paint: Check for adhesion and sand down. (Preliminary tests recommended)

Coating structure:

Steel interior/exterior	2 2	Jaeger Aqua-Multigrund undiluted Aqua Iso door and window paint
Aluminium, zinc, copper, brass	2 x 2	Jaeger Aqua Multigrund undiluted Aqua Iso door and window paint
Plastic	2	Aqua Iso door and window paint
Wood interior	3	Aqua Iso door and window paint
Wood exterior and in damp rooms	3 x	Aqua Iso Door and Window Paint

Application conditions: During the entire processing and drying time, the material, substrate and air temperature must not fall below 8°C or exceed 30°C. The air humidity should remain between 30% RH and 75% RH throughout the entire period.

Tool cleaning: Clean immediately after use with water.

Labelling

Disposal Only completely empty containers should be recycled. Hardened residues can be disposed of with household waste. Liquid paint residues must be disposed of at hazardous waste collection points or by authorised waste disposal companies.

Note Keep out of reach of children. Do not inhale spray mist. Ensure thorough ventilation during and after use. In case of contact with eyes or skin, rinse immediately with water. Do not allow to enter drains, water or soil. Clean tools immediately after use with soap and water. Only recycle completely empty containers. Dispose of liquid material residues at a collection point for old paint.

Other: Observe the accident prevention regulations of the BG Chemie "Processing of coating materials" (VBG 23), the information sheet "Solvents" (M 017) and the "Technical Rules for Hazardous Substances (TRGS) 507".

Remove food from the rooms concerned during processing and drying.
Further information can be found in the EC safety data sheet.

Processing instructions

	Brush/roll	Airless spraying	High-pressure spraying	Low-pressure spraying
Dilution	Undiluted	Undiluted	5	As required
Viscosity DIN4mm			70–80	depending on device type
Nozzle size		515 HEA (Wagner)	1.5–2 mm	1
Spray pressure		160–180 bar	2.5 bar	2
Tool	Microfibre 5–9 mm Fully synthetic bristles			
Drying	**Dust dry**	**Non-slip**	**Paintable**	**Full curing**
(20°C/55% relative humidity) *	20 min	40 min	2	3 days
Yield	**Brush/roll**	**Airless spraying**	**High-pressure spraying**	**Low-pressure spraying**
m² / ltr.	8 -10	7 –9	7 - 9	7 - 9

Special

Processing temperature:

At least +8°C air, object and product temperature, max. 75% relative humidity
Do not mix with other colours or paints!
The individual colours can be mixed with each other. Due to the wide variety of plastics, preliminary tests are always recommended.

* The specified drying times apply at 20°C / 55% relative humidity and sufficient air movement.
The following conditions may delay drying:

- low temperatures
- high humidity
- excessive layer thickness
- lack of air circulation

As of 05/25
PAUL JAEGER GMBH & CO. KG• Siemensstrasse 6• 71696 Möglingen• Telephone +49 7141-24 44-0• Fax +49 7141-24 44 55• info@jaegerlacke.de• www.jaegerlacke.de
Our written and verbal recommendations for application, which we provide to support the processor based on our practical experience, to the best of our knowledge and in accordance with the current state of science and technology, are non-binding and do not constitute a contractual legal relationship or any ancillary obligation arising from the purchase contract. They do not release the buyer from their responsibility to check the suitability of the products for the intended use. In the event of a new edition due to technical progress, the above information shall cease to be valid. In all other respects, our General Terms and Conditions shall apply.