

## Jaeger Aqua-Multigrund 716

Water-thinnable universal primer for indoors & outdoors



### Material description



<b>Material type:</b>	Universal primer, water-dilutable.	
<b>Intended use:</b>	For primer coats on iron, steel, zinc; aluminum, powder coating, wood, various plastics such as rigid PVC, polyester, polyamide, ABS inside and outside.	
<b>Properties:</b>	<ul style="list-style-type: none"> <li>• Active corrosion protection</li> <li>• weatherproof</li> <li>• Quick drying</li> <li>• Very good adhesion</li> <li>• heat-resistant up to 80° C dry heat</li> </ul>	
<b>Binder base:</b>	Acrylic dispersion	
<b>Color shades:</b>	<b>Order no:</b> 716 9010	<b>Color shade:</b> white, matt
<b>Density:</b>	1.38-1.42 g/cm <sup>3</sup> at 20°C	
<b>Dilution:</b>	Water	
<b>Packaging:</b>	6 x 750 ml	4 x 2.5l
<b>Storage:</b>	Store in a cool, dry and frost-free place in a tightly closed original container. Official regulations must be observed.	

### Technical application notes

<b>Substrates:</b>	Iron, steel, zinc, aluminum, powder coating*Hard PVC*, polyester*, polyamide*, ABS*, wood. * Due to the different types of plastic and powder coatings, preliminary tests are recommended.
<b>Substrate preparation:</b>	<p>The substrate must be dry and free of scale, oil, grease, dust and other impurities; loose rust and mill scale must be removed. Borax residues must be completely removed from brazed joints.</p> <p><b>Galvanized surfaces:</b> Corrosion products, grease and other contaminants must be thoroughly removed. Pre-treatment with diluted ammonia in combination with wetting agent has proven effective for preparing zinc surfaces. For 10 liters of water, add 0.5 liters of ammonia and approx. 8 ml (1 tablespoon) of wetting agent, e.g. dishwashing liquid, Pril, etc. Sand the surface with this mixture using plastic fleece (e.g. Scotch-Pritt from 3M-Company) until the foam turns metallic gray; the foam must remain on the surface for approx. 10 minutes. Then rinse with clean water and leave to dry. Light brushing with a sandblasting fan has also proven to be the best method.</p> <p><b>Aluminum:</b> Degrease with nitro thinner before coating and remove corrosion products by sanding.</p> <p><b>Plastics:</b> Wash off soiling with all-purpose cleaner and rinse thoroughly. Sand with fine sandpaper (280-320) and rub with a cloth soaked in spirit.</p> <p><b>Old coats:</b> Check for load-bearing capacity and sand down. (Preliminary tests recommended)</p> <p><b>Powder coating:</b> Wash off thoroughly with a 10% ammonia solution with the addition of a wetting agent using a plastic fleece and sand down, carry out preliminary tests if necessary.</p>

<b>Coating structure:</b>	Steel inside/ outside	2 x 1-2 x	Jaeger Aqua-Multigrund undiluted (3 coats outdoors) Top coat
	Aluminum, zinc, copper, brass	2-3 x 1 x	Jaeger Aqua-Multigrund undiluted acrylic topcoat, no alkyd resin paint system
	Plastic	1 x 1 x	Jaeger Aqua-Multigrund undiluted topcoat
	Wood inside	1 x	Kronen® Isoliergrund 321
		1-2 x 1 x	Jaeger Aqua-Multigrund undiluted topcoat
	Wood outside and inside	1 x	Wood primer fungicidal
Damp rooms	1-2 x 1 x	Jaeger Aqua-Multigrund undiluted Topcoat	

**Paintability:** The top coat can be applied with our Jaeger high-gloss and silk-gloss paints, as well as with dispersion paints.

**Processing conditions:** During the entire processing and drying time, the material, substrate and air temperature must not fall below 8°C and not exceed 30°C. The air humidity should be between 30% RH and 75% RH during the entire time.

**Tool cleaning:** Rinse with water immediately after use.

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## Labeling

**Declaration of ingredients:** Plastic dispersion, organic and inorganic pigments, mineral fillers, water, additives

**Waste code:** 080111                      **Giscode:** M-GP01

**Disposal:** Only dispose of completely empty containers for recycling. Hardened residues can be disposed of with the residual waste. Liquid paint residues must be disposed of via the hazardous waste collection points or approved disposal companies.

**Note:** Keep out of reach of children. Do not inhale spray mist. Ensure thorough ventilation during and after processing. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow to enter drains, waterways or soil. Clean tools immediately after use with soap and water. Only dispose of empty containers for recycling. Dispose of liquid material residues at the collection point for old paints.

**Other:** The accident prevention regulations of BG Chemie "Processing of coating materials" (VBG 23), the leaflet "Solvents" (M 017) and the "Technical Rules for Hazardous Substances (TRGS) 507" must be observed.

Remove food from the relevant rooms during processing and the drying time.

Further information can be found in the EC safety data sheet.

## Processing instructions

	paint / roll	Airless spraying	High-pressure spraying	Low pressure spraying
<b>Dilution</b>		~ 5 %		as required
<b>Viscosity</b> DIN4mm			70"-80"	depending on device type
<b>Nozzle size</b>		0,28-0,33	1,5	1,5
<b>Injection pressure</b>		180-200	3,5	
<b>Cloisters</b>		1	1	1

<b>Drying</b>	<b>Dust-dry</b>	<b>non-slip</b>	<b>paintable</b>
(20°C/55% r.h.) *	~ 20 - 30 min	~ 60 min	with water-based top coats after 6 hours, with solvent-based top coats after 24 hours.

<b>Yield</b>	paint / roll	Airless spraying	High pressure spraying	Low pressure spraying
m <sup>2</sup> / ltr.	~ 8 - 10	~ 6	~ 6	~ 6

## Special notes

### Processing temperature:

at least +8°C air, object and product temperature, r. h. max. 75 %

Do not mix with other paints and varnishes!

The individual color shades can be mixed with each other. Due to the variety of plastics, preliminary tests are always recommended.

\* 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 movement

### Status 04/20

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