

# 2K-Aqua Multiprimer GH 20

-2-Component Aqua Multi-Primer GH 20-  
**Exterior and interior**  
**Water-based 2-component epoxy primer**

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## General Description

Type of material:	Water-based 2-component epoxy resin primer
Range of uses:	Promotes adhesion on stiff, non-absorbent substrates such as non-ferrous metals, copper, zinc, aluminium, hard plastics, polyester, resopal, tiles, glass, ceramic. Protects against corrosion on iron, steel, stainless steel and galvanized surfaces. Universally recoatable with almost all 1- and 2-component finish-ing coatings. For exterior and interior use.
Product properties:	excellent adhesion. May be employed to protect against corrosion on: derusted iron, steel and zinc surfaces.
Colour shade:	White
Packaging sizes:	1 kg combi-pack = base lacquer 600g + hardener 400 g

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## Technical Data

Binder base:	water-emulsifying 2-component epoxy resin
Pigment base:	active, anti-corrosive pigments, titanium dioxide
Density:	1,400 g/cm <sup>3</sup> ( of mixed material)
Degree of gloss:	silk-gloss
Viscosity:	thixotropic
Thinner:	water to max. 10%
Processing time:	at 23°C and 60% rel. air humidity, <b>maximum</b> 2 hours
Pot life:	<b>Caution! No discernible end of the pot life. Exceeding this period leads to lower strength, as well as to loss of adhesion. Changes in temperature reduce or extend the pot life.</b>

Processing temperature:	for object and circulating air 10 – 30 °C. The relative air humidity may not exceed 80 % (can cause matt areas).
Drying:	at 20°C and 60% relative air humidity, re-coatable after ca. 3 hours with aqueous and after ca. 16 hours with solvent-based coatings. At low temperatures, the values can fluctuate considerably. During the hardening process (ca. 8 hours at 20°C), protect the applied material against dampness as this can otherwise lead to surface damages and losses in adhesion.
Spreading rate:	ca. 120 - 170 g / m <sup>2</sup> per coat
GISCODE:	RE 05

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**Method of processing**

Substrate preparation:	<p>The substrate must be dry, portable, stable and free of separating substances ( oil, grease, wax, dust etc. ).</p> <p>The substrate should not be absorbent and stiff as in the case of metals, non-ferrous metals, hard plastics, tiles, glass, ceramic, old polyester coatings, Werzalit etc.</p> <p><b><u>Do not: employ on thermoplastic plastics.</u></b></p> <p>Prepare soiled surfaces such that they are completely free of silicon-containing and separating substances.</p> <p><u>Ceramic surfaces</u> to be completely freed of lime and other impurities.</p> <p><u>Zinc or galvanized surfaces</u> to be de-greased by means of an ammoniacal wetting agent (see BFS (German Federal Committee for Paints and the Protection of Objects) Data Sheet No. 5). Whitish corrosion products to be entirely removed. Then apply 1-2 coats of Jansen 2-Component Aqua Multi-Primer GH 20.</p> <p><u>Aluminium</u> slightly grind and cleanse (see BFS Data Sheet No. 6).</p> <p><b><u>Anodized aluminium can not be coated.</u></b></p> <p><u>Stainless steel:</u></p> <p>Clean thoroughly with Jansen Metal Cleaner and then sand.</p> <p>Sand polished stainless steel surfaces until they are matt.</p> <p>The preparation of the substrate and painting must be scientifically and technically state of the art. Please also take note of the current BFS data sheets and the VOB (German Construction Contract Procedures), Part C, DIN 18363 Painting and Coating work.</p>
Application:	600 g base lacquer 400 g hardener

Application:	<p>To achieve a thorough blending of the individual components, an intensive mixing of minimum 2-3 minutes is absolutely necessary.</p> <p>Firstly add the hardener and mix in. Only then dilute the mixture with the appropriate quantity of water (to max. 10 %). A double mixing effect is therefore automatically provided. It must be ensured that the wall surfaces of the packaging are also included in the mixing process. Finally decant into a clean container and stir again.</p> <p><b>Only a 100% homogeneous mixing of both components in the correct ratio can provide perfect film properties. Partial quantities may only be mixed in by weight at a ratio of 6 : 4 (base lacquer to hardener).</b></p> <p><b>Before processing, carry out trial coating.</b></p>
Final coat:	The product can be re-coated with all Jansen Products based on alkyd resin and acrylate.
Methods of application:	<u>brush</u> : for painting use brush with synthetic bristles <u>roller</u> : for rolling use short-pile mohair roller.
Cleaning your tools:	As quickly as possible with water and soap. Tools to be intermediately cleaned after long use and during breaks in work. Do not permit paint to dry.
Storage:	Dry, cool and frost-protected. Re-seal opened container well.
VOC-Value:	EU threshold value for this product (Cat. A/j): 140 g/l VOC (2010). This product contains max. 20 g/l VOC.

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**Identification Marking:** Please take note of our updated Safety Data Sheet available on the Internet at [www.jansen.de](http://www.jansen.de)

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The technical information was compiled in accordance with the latest state of the art. An obligation for the general validity of the individual recommendations cannot, however, be accepted as the application and processing methods do not lie within our influence and the varying states of the substrates each require a decision as to the method of working suitable for workman and trade. The recommendations do not release the customer from the task of accepting responsibility for checking the products of the supplier company as to their suitability for the foreseen use. Applicable are the "General Terms and Conditions of Delivery and Payment in the Paint Industry" in the recommendation approved by the Federal Cartel Office (Bundeskartellamt) on 1. January 2018. On publication of this data sheet, all previous data sheets for this product become invalid.

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