



# Aqua BNG-405 Brilliant Primer

Transparent, water-based 1K filling primer

Availability		
Quantity per pallet		
<b>Size / Quantity</b>	<b>5 l</b>	<b>20 l</b>
Type of container	Tin bucket	Tin bucket
Container code	05	20
<b>Art. no.</b>		
281100	■	■

Application rate 80 - 120 ml/m<sup>2</sup> per coat



## Range of use



- Interior wood
- Wood materials
- Solid wood & veneers
- High-quality furniture
- Kitchen and bathroom furniture
- For use by professionals

## Property profile

- Lightfast
- Very fast drying
- Good sanding properties
- Good filling properties with good flow
- Highly transparent

## Characteristic data of the product

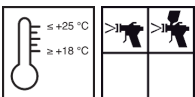
Density (20 °C)	Approx. 1.04 g/cm <sup>3</sup>
Odour	Characteristic, odourless once dry

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

## Preparation

- **Substrate requirements**  
Wood moisture content: 8-12%  
The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.
- **Substrate preparation**  
Coating should be carried out immediately after raw wood sanding.  
Wash off greasy or resin-rich woods/substrates with WV-891 or V-890. Use UN-894 indoors on the construction site.  
Ensure good ventilation for solvents.  
Softwoods: sand with P 80 - 120.  
All other substrates: sand with P 180 - 320.  
If colouring is desired, stain the substrate using Aqua KB-004, Aqua BB-007 or Aqua PB-006.  
Remove resin galls.

## Directions



- **Conditions for use**  
Temperature of the material, air and substrate: from min. +18 °C to max. +25 °C.
- Flow cup gun: nozzle size: 2.0 - 2.5 mm; atomiser air pressure: 2.0 - 3.0 bar.
- Airmix spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 100 bar, atomiser air pressure: 1.2 - 2 bar.
- Airless spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 120 bar.
- Spray.
- After drying and intermediate sanding if necessary (P 240 - 320), apply a second coat.
- Seal opened containers well and use contents as soon as possible.



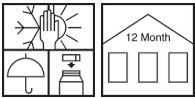
Tips on use



Check colour, adhesion and compatibility with the substrate by setting up a trial area.  
Before coating technically modified woods and wood-based materials, apply the coating to a trial surface and conduct a suitability test on the desired area of use.  
Prior to full application, please apply a test coat to a sample area under practical conditions using the desired system, then test or examine the surface properties.

- Drying  
Dust-dry: after approx. 15 minutes  
Overcoating: after approx. 1 - 2.5 hours  
Low temperatures, poor ventilation and high humidity delay drying.  
Practice values at +20 °C and 65% relative humidity.
- Thinning  
Ready to use, dilute with max. 20% water if necessary (flow cup gun)

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Personal protective equipment

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (Cat. A/e): max. 130 g/l (2010).  
This product contains < 130 g/l VOC.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.