

**Technical Information  
and  
Application-Instructions**

**PRELIMINARY PRODUCT DATA SHEET**

**Branth's  
2-Kompo "Anti-Graffic"**

**Description:**

Two-component acrylic-polyurethane coating showing short drying and curing times; dries rapidly at ambient temperatures. Branth's 2-Kompo "Anti-Graffic" is a high gloss coating showing excellent gloss retention and chemical resistance; it cures to a tough, enamel-like finish which is very easy to clean.

**Recommended areas of application:**

Branth's 2-Kompo "Anti-Graffic" is a permanent system specially developed for easy cleaning properties and can be used on metal substrates primed with Brantho-Korrux "nitrofest", Brantho-Korrux "3 in 1" or Brantho-Korrux 2-Kompo. Adhering pollutants and graffiti can be removed with the appropriate chemical treatments.

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## Technical information Branth's 2-Kompo "Anti-Graffic"

- **Product description:**

Combination of PUR-Acrylic resins with special additives, cured with a polyurethane converter, lead- and chromate-free pigments.

- Viscosity: 120 sec. / DIN 4 mm (mixed product).  
50 sec. / DIN 4 mm (mixed product + 15% Kombi-Thinner).  
30 sec. / DIN 4 mm (mixed product + 30% Kombi-Thinner).
- Thinning: Branth's Kombi-Thinner.
- Density: 0,95 - 1,2 depends on colour.  
> 50% (by volume)
- Solids: 75% (by weight); depends on colour.
- Coverage: practical: 3 - 6 m<sup>2</sup>/kg. at 60 µm dry; depends on application losses, surface roughness, porosity etc.
- Recommended dry film thickness: transparent 35 – 50 µm  
colours 40 – 60 µm
- Colours: Transparent (colours upon request).
- Storage stability: Base: 24 months in unopened, original cans, in a well ventilated dry environment.  
Activator: 9 months in unopened, original cans, in a well ventilated dry environment.
- Packaging sizes: 5 kg units; 4 kg base and 2 x 0,5 kg Activator.  
test samples (500 g base + 125 g act.) = 625 gram.
- Mixing ratio: 4 : 1 by weight.  
Pot-life max. 4 hours at 20°C.  
Induction time: normally not required

### **Typical system build-up**

"long" application intervals: prime with Brantho-Korrux "nitrofest" or Brantho-Korrux "3 in 1"

"short" application intervals: prime with Brantho-Korrux "2-Kompo"

Branth's 2-Kompo "Anti-Graffic" clear can be used over most Branth-Korrux 1-component and 2 component multi-purpose coatings.

## Application instructions

### **Suitable substrates:**

Metal substrates coated with a suitable primer, most ideal is a 2-pack primer like Brantho-Korrux "2-Kompo"; if longer coating intervals are allowed both Brantho-Korrux "nitrofest" and Brantho-Korrux "3 in 1" can be used as primers.

Dependable on the surface conditions Branth's Adhesion primer special or Branth's Rust-Primer lead-free can be used.

Properly impregnated and/or primed mineral substrates are suitable if no permeability of the coating system is required.

**Application temperatures:**

ideal application temperature	18°C to 25°C
possible application temperature	10°C to 30°C

Remark: temperatures over 25°C (77°F) and relative humidity readings over 60% may cause micro-blistering (CO<sub>2</sub>) due to the reaction of activator with moisture. This phenomenon can be minimised by maintaining an induction time of 15 minutes (at 30°C.).

Pot-life: max. 4 hours at 20°C (68°F)  
higher temperatures will decrease pot-life considerably.

### **Application:**

Brush and roller for small area's or touch-up only; dilute sparingly if required.

Air atomised spray: visc. 25 - 35 sec./DIN 4, tip size 1,2 - 1,8 mm; a larger opening requires less dilution; (equals 30% dilution).

**Airless spray: not recommended.**

**Airless / air-assisted spray: viscosity 50 - 60 sec. / DIN 4 mm (equals 10-12% dilution) at minimal 120 bar, orifice size 0,013 - 0,019" (preliminary figures due to equipment variations).**

Clean equipment and tools directly after use with Kombi-Thinner.

**Drying times:** at 20°C and 65% relative humidity

- touch dry: after 15 minutes
- dry to handle: after 2 hours
- completely dried: after 8 hours
- completely cured after 4 days

### **Material consumption:**

Theoretical consumption: 6 m<sup>2</sup> per kilogram at 50 µm dry film thickness, this dry film thickness can be achieved in a one-coat application. Practical consumption is between 150 and 300 gram per square metre.

### **Protection / Disposal**

Please consult Health and Safety information sheet.

The information herein contained is based on our present knowledge. It is based on practical experience during many years and is composed carefully. The technical information is average, and values do not impose any liability. As the application of this material in any individual case is beyond our control we cannot be held liable.

This data sheet is a translation of the German sheet 03/03 VB/Eg, translation by Jos van Ochten, BrabCoat, Roosendaal, The Netherlands.