



Branho-Korrux "2-Kompo"  
Adheres to metals,  
overpaintable



Branth's "2K (brass) protective lacquer"  
clear, high-gloss,  
Extremely adhesive



Branho-Korrux "2K-Durasolid"  
permanent underwater  
stress



Branth's "2K-Flexi-Lack"  
thick-layer, impact-  
resistant,  
elastic



Branth's "2K anti-graffiti lacquer"  
insensitive,  
high gloss, hard

# Branth's 2-Component Coatings



Base and top coats, clear or coloured opaque  
with very special protective properties

# Properties in comparison

## Typical areas of application

<b>Brantho-Korrux "2-Kompo":</b>	Truck and trailer chassis, commercial vehicles. Priming, spray painting of small parts, zinc primer, component production
<b>Branth's "2K-Flexi-Lack":</b>	Forestry and earth-moving machinery, chequer plates, railings, pipes, masts, sheet metal roofs, work platforms, vehicle chassis, equipment, machines, etc.
<b>Branth's "2K Anti-Graffic Lack"</b>	Construction containers, partition walls, doors, gates, billboards, museum objects, works of art, commercial vehicles, etc.
<b>Branth-Korrux "2K-Durasolid"</b>	Boats, pipes, pumps, bollards, jetties, frames, ships, pontoons, floating bodies, sheet piling, etc.
<b>Branth's "2K -Messing Schutzlack"</b>	Signs, museum objects, machines, vehicles, tanks, constructions, plywood objects, etc.

## These 2-component products have in common:

1. Carefully observe the processing parameters! These include
  - Adhere exactly to the mixing ratio (base coat:hardener).
  - Mix/stir very carefully.
  - Observe the pot life (do not use after this time).
  - Minimum temperature (duration of drying).
  - Only process components that belong together.
  - Clean tools at the latest when the pot life is reached.
2. Pot life/drying time are essentially temperature-dependent.
3. Occupational safety and environmental protection are more complex than with our 1-component products. Even though our 2-c products are less harmful compared to many 2-c products, they are not as environmentally friendly. The hazard potential is greater than with our 1-component coatings.
4. - Each of these products can be recoated with itself at any time.
  - When overcoating 1-component Branth coatings with 2-c coatings, the recommended waiting times must be observed. Other 1-component coatings should always be thoroughly dry.
  - "Flexi-Lack" should only be reworked with itself.
  - "Durasolid" should be lightly sanded after a waiting period of more than one week before recoating.

	Branth-Korrux "2-Kompo"	Branth's " 2K-Flexi-Lack"	Branth's " 2K-Anti-Graffic-paint"	Brantho-Korrux "2K-Durasolid"	Branth's " 2K (Messing) Schutzlack"
<b>Drying at 20°</b> - Dust-dry - touch-dry - thoroughly dried - stackable - Stackable at 60° (after 30 min.)	approx. 20 min. 60 min. 20 hrs. 24 hrs. 1-2 hrs.	approx. 30 min. 3 hrs. 1 day 1 day approx. 5 hrs.	15 - 30 min. 3 hrs. 5 - 10 hrs. 1 day approx. 1 hour.	24 hrs. 48 hours 72 hrs. 48 hours 12 hrs.	60 - 90 min. 4 - 6 hrs. 1 day 1 day approx. 1h.
<b>Processing temperature</b> - recommended - Possible	18 - 25 ° C 12 - 30 ° C	18 - 25 ° C 12 - 30 ° C	18 ° - 25 ° C 15 ° - 30 ° C	18 ° - 25 ° C 15 ° - 30 ° C	18 ° - 25 ° C 15 ° - 30 ° C
<b>Addition of hardener (by weight)</b>	necessary (9 :1)	necessary (4:1)	necessary (4:1)	necessary (5.5 :1)	necessary (6 :1)
<b>Pot life at 20 ° C</b>	4 - 6 hrs.	3 - 4 hrs.	3 - 4 hrs.	approx. 2 - 3 hrs.	3 - 4 hrs.
<b>Suitable primers</b>	without primer, BK-2-Kompo, 3 in 1, Nitrofest, HgS, ecobase, other 2-component lacquers	BK-2-Kompo, 3 in 1, Nitrofest, HgS, ecobase, 2-component primer	BK-2 Kompo, 3 in 1, Nitrofest, HgS, 2K M-Schutzlack	without primer or possibly BK-2-Kompo, BK-nitrofest	normally without primer (on wood dilute first layer)
<b>Suitable dilutions</b>	Branth's Kombi-Verdünnung, Branth's Spezial-Verdünnung, commercially available Acrylic thinner	Branth's Kombi-Verdünnung, Branth's Spezial-Verdünnung, commercially available Acrylic thinner	Branth's Kombi-Verdünnung, Branth's Spezial-Verdünnung, commercially available Acrylic thinner	Do not dilute if possible, otherwise Branth's Kombi-Verdünnung	Branth's Kombi-Verdünnung, Branth's Spezial-Verdünnung, commercially available Acrylic thinner
<b>Unsuitable dilutions</b>	Nitro thinner, turpentine substitute, white spirit, synthetic resin thinner, water				
<b>Coverage</b> - mathematically at 30my - common practice	10-11 m <sup>2</sup> / kg 0.1 kg / m <sup>2</sup>	- 0.35 kg / m <sup>2</sup> (200 my)	10 - 15 m <sup>2</sup> / kg 0.05 kg / m <sup>2</sup>	4-5 m <sup>2</sup> / kg 0.2 - 0.25 kg/m <sup>2</sup>	15 m <sup>2</sup> / kg 0.05 kg / m <sup>2</sup>
<b>VOC content ready for use</b>	approx. 380 g / litre	approx. 290 g / litre	390 - 450 g / litre	approx. 80 g / litre	approx. 490 g / litre

# Protective properties



## Brantho-Korrux "2-Kompo"

2-component corrosion protection primer and finish coating for iron, steel, aluminium, stainless steel, galvanised and non-ferrous metals. Silky gloss, non-porous and hard surface for universal use.

Very good adhesion on difficult substrates (e.g. non-ferrous metals), good resistance to chemicals, fast drying, high temperature resistance, excellent corrosion protection, good weather resistance, can be easily painted over if required.

- silk matt/glossy
- Can be painted over with all 1K and 2K coatings on request
- white, black and lime green from stock, other colours from 30 kg
- as a primer, one-coater, filler or top coat
- Short drying times, quick drying from 20 °C
- Good chemical and weather resistance

### Halving the curing time

is possible by adding 1% of Branth's "2K accelerator/catalyst" to the base coat. This also halves the pot life. Suitable for: "2-Kompo", "2K-Anti-Graffic", "2K-M-Schutzlack", "2K-Flexi-Lack" (not for 2K-Durasolid).



## Branth's "2K-Flexi-Lack"

Silk-gloss coating material with extreme elasticity. Wherever rubber-like resistance to knocks and impacts is required, Flexi Lack is the right choice. In addition to the mechanical cushioning of impacts, the coating has a sound-absorbing effect and insulates against heat and cold (thus reducing condensation).

- Extremely elastic and impact-resistant
- Highly filling, flexible, very light
- white and black from stock, other colours from 32 kg
- Very good chemical and weather resistance
- Fast drying and curing even of thick layers
- The glossy 2K-Flexi clearcoat is available as a topcoat on request



## Branth's "2K Anti-Graffic-Lack"

Top coat with a particularly smooth and hard surface. Resistant to a wide range of different chemicals, particularly easy to clean and extremely weather-resistant. Also available in a silk-gloss finish as a special production.

- Clear lacquer from stock, coloured lacquer from 30 kg
- Very good chemical and weather resistance
- Short drying times from 20°C



## Brantho-Korrux "2K-Durasolid"

Thick-layered paint application, extremely good underwater resistance, extremely low odour. Remains glossy and hard even under permanent underwater exposure, good resistance to acids, alkalis, solvents, faeces, etc. Not for atmospheric corrosion protection, but for permanent or main underwater exposure or interiors.

- shiny
- black 9005, blue 5015, red-brown 3009 and cream white 9001 from stock, other colours from 32.5 kg
- Extremely high filling power, good resistance
- Almost solvent-free



## Branth's "2K (Messing) Schutzlack"

Clear lacquer with extremely high adhesive strength, e.g. on polished metals such as brass, stainless steel, copper, chrome etc., with good elasticity, therefore also popular on wood, plastics

Good chemical and weather resistance.

- glossy from stock
- Good elasticity and durability

# These 1C products are complemented by our 2C specialities:

## **Brantho-Korrux "3 in 1",**

### **Silk-gloss metal protection**

Adhesive, elastic, versatile, universal, many colours, compatible with "Robust-Lack" in every respect.

## **Brantho-Korrux "nitrofest",**

### **Primer filler**

matt, sandable, fast drying, for iron and steel, also hand derusted, ideal under "S-glaze".

## **Branth's-Robust Lack,**

### **Glossy top coat**

High filling power, good edge coverage and fast drying. Ideal for spray painting. Very opaque and elastic.

## **Branth's-S-Glasur,**

### **Odourless top coat**

Good flow. For brushing, rolling and spraying. Proven on nitrofest, hard-wearing.

## **HgS-Branth's Haftgrund-Spezial,**

### **All-metal primer**

Matt base coat for all metals (iron, aluminium, stainless steel, zinc, etc.), universally recoatable.

## **Branth's Kombi-Verdünnung (thinner),**

### **Rapid evaporation**

High thinning effect, for all solvent-based paints from our production.

## **Branth's Spezial-Verdünnung (thinner),**

### **Slow evaporation**

High thinning effect, for all colours from our production.

## **Other products,**

Kristall-Glasur, BASAK, water-thinnable top coat: "ecotop", RMb rust protection red lead (lead-free), Edel-Firnis, Brantho-Korrux "ecobase" (matt), "ecopakt" (silk matt), "normal" (very high solid), etc.

## **Customised products,**

### **according to requirements**

differing gloss levels, resistances, colour shades or drying times.



## **Tradition and innovation for protective colours of the highest quality**

We have been supplying anti-corrosion paints since 1887, high-solids and lead-free since 1956. Our production department manufactures with state-of-the-art technology, innovatively, cost-effectively and close to the market in Germany.

For your benefit, we make it extra hard, high-solid colours mean for you: better coverage, less work, less material consumption, less risk and emissions, longer durability, lower follow-up costs.

We ensure you practical products through: many years of experience, constant further development, comprehensive testing, high-quality raw materials, careful production, modern management systems and constant dialogue with our customers.



[www.rostschutzfarbe.de](http://www.rostschutzfarbe.de)

Further information can be found in the technical data sheets, and a colour chart is also available for you.



Branth-Chemie A.V. Branth KG  
P.O. Box 11 07 - 21503 Glinde  
Phone: 040 - 36 97 40 - 0  
Fax: 040 - 36 71 48  
[Postmaster@Branth-Chemie.de](mailto:Postmaster@Branth-Chemie.de)