



# Metal protective coatings for buildings and constructions

**Brantho-Korrux for**

**Interior and exterior, repairs, maintenance, rebuilding, renovation and new construction**



# Metaal beschermende coatings voor gebouwen en constructies

**Brantho-Korrux voor**

**Binnen en buiten, reparatie, onderhoud, verbouwen, renovatie en nieuwbouw**





## Effective protection with Brantho-Korrux

### Primer and finish

#### Brantho-Korrux „3in1“

- for metals and many other substrates
- one material: primer, intermediate and topcoat
- infinitely recoatable without abrading
- pore free, eggshell finish
- can be overcoated with high gloss finishes
- corrosion resistant, can be applied on flash rust, excellent hiding power
- simple application, good edge covering
- flexible, excellent adhesion, rapid drying
- no sagging, surface tolerant
- environmentally acceptable, various colours
- brush, roller, spray; from -10°C up to 30°C
- mixable with „nitrofest“ and „Robust-Lack“
- extensively tested, thoroughly proven by millions of practical applications.

### Primers

#### Brantho-Korrux „nitrofest“

- for iron and steel, also manually prepared surfaces
- various colours, matt finish, fast drying
- low odour, high solids, environmentally acceptable
- simple application, universally recoatable
- brush, roller, spray; good edge covering

#### Branth's Adhesion-Primer-Special (APS)

- for all metals: primer for very smooth surfaces
- exceptional adhesion, matt finish, grey ( $\pm$  RAL 7038)
- universally recoatable
- brush, roller, spray

#### Branth's Rust-Primer Orange (RPO)

- brush application, high build primer and filler
- matt orange finish, ideal for rough surfaces
- excellent surface tolerance, high solids,
- universally recoatable, fast drying



## Effectieve bescherming met Brantho-Korrux

### Grond- en deklaag

#### Brantho-Korrux „3in1“

- voor metalen en andere ondergronden
- één materiaal, grond-, tussen- en deklaag
- onbepaald overschilderbaar zonder schuren
- porievrije, zijdeglanzende oppervlakte
- met glanzende deklagen overschilderbaar
- roestwerend, ook op vliegroest, zeer goede dekkraft
- eenvoudige verwerking, goede kantendekking
- elastisch, hechtend, snelle aandroging
- geringe zakneiging, ondergrondtolerant
- hoge milieuverdraagzaamheid, diverse kleuren
- kwasten, rollen, spuiten, van -10°C tot 30°C
- mengbaar met „nitrofest“ and „Robust-Lack“
- uitvoerig getest, miljoenen keer bewezen in de praktijk

### Grondlagen

#### Brantho-Korrux „nitrofest“

- voor ijzer en staal, ook voor hand ontroest
- diverse standaard kleuren, mat, sneldrogend
- geur arm, hoge vaste stof, milieu verdraagzaam
- eenvoudige verwerking, universeel overschilderbaar
- kwasten, rollen, spuiten; goede kantendekking

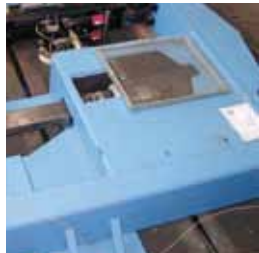
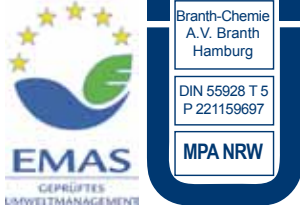
#### Branth's Haftgrund-Spezial (HgS)

- voor alle metalen, roestwerend
- zeer goede hechting, mat, grijs ( $\pm$  RAL 7038)
- universeel overschilderbaar
- kwasten, rollen, spuiten

#### Branth's Roestwerende-Menie loodvrij (RMb)

- bij voorkeur kwast verwerking
- mat, oranje, snelle aandroging
- ondergrond tolerant, hoge vaste stof
- universeel overschilderbaar







## Overview of Brantho-Korrux materials

### 1-component, easy to apply

- **3in1**, eggshell finish, primer, intermediate and topcoat for all metals, strong adhesion, flexible, trouble-free recoating
- **nitrofest**, fast drying matt primer for manually prepared or bare iron and steel, abrasion, universally recoatable
- **Robust-Lack**, similar to "3 in 1" with gloss finish, flexible
- **S-Glasur**, high gloss topcoat, ideal on „nitrofest“
- **normal**, natural resin based corrosion resistant alkyd coating
- **ecobase**, water-based primer, matt finish, fast drying
- **ecopakt**, water-based primer / topcoat

### 2-component, with special properties

- **2-Kompo**, fast drying, silk-gloss, for all metals, popular adhesion-primer for zinc, universally recoatable
- **2K-Durasolid**, for continuous water immersion
- **2K-Anti-Graffic**, coloured or clear, high chemical resistance
- **2K-M-Schutzlack**, glossy clear-varnish, excellent adhesion
- **2K-Flexi-Lack**, coloured or clear, extremely flexible and impact resistant

### Various products, thinners

- **Kombi-Thinner**, powerful, fast evaporation, for all Branth coatings
- **Spezial-Thinner**, slow evaporation, for all Branth coatings
- **Edel-Firnis**, impregnating, oil/resin-based wood preservative
- **Alu-Glasur**, dry heat-resistant up to 600°C, recommended for temperatures above 250°C
- **APS**, fast drying adhesion primer for very smooth surfaces
- **RPO**, lead-free rust-primer and filler for rough surfaces
- **Slide-Stop-Additiv**, non-skid granulate for 3 in 1, 2-Kompo, Durasolid, etc.

Film thickness recommendations according DIN-EN-ISO 12944 for Corrosion category C5M (severe atmospheric corrosive exposure, like exterior industrial exposure, high humidity and aggressive atmosphere, coastal and off-shore environments with high salinity):

Brantho-Korrux „3 in 1“:	surface preparation Sa 2½
Low durability (L):	min. d.f.t. 140 µm (min. 2 coats)
Medium Durability (M):	min. d.f.t. 160 µm (min. 2 coats)
High Durability (H):	min. d.f.t. 240 µm (min. 3 coats)
Manual prepared steel (St2) requires an additional coat	

Brantho-Korrux „2K-Durasolid“:	surface preparation Sa 2½
Low durability (L):	min. d.f.t. 240 µm (min. 2 coats)
Medium Durability (M):	min. d.f.t. 300 µm (min. 2 coats)
High Durability (H):	min. d.f.t. 450 µm (min. 3 coats)

Rough substrates may require higher thicknesses accordingly.  
(DIN-EN-ISO: L= up to 5 years; M= 5 - 15 years, L= over 15 years)

### Available packaging sizes:

- Standard: 750 ml, 5 litre
- Upon request: 10 litre or 20 litre pails, or
- 200 litre "open top" barrels

## Overzicht Brantho-Korrux soorten

### 1-komponent, eenvoudige verwerking

- **3in1**, zijdeglanzend grondlaag en afwerklaag voor alle metalen
- **nitrofest**, voor ijzer en staal (blank of hand ontroest), mat, sneldrogend, schuurbaar, universeel overschilderbaar
- **Robust-Lack**, elastische glans-lak, mengbaar met „3in1“
- **S-Glasur**, glanzende deklaag, ideaal op „nitrofest“
- **normal**, natuur corrosiewerende lak
- **ecobase**, water-verdunbaar, mat, sneldrogend
- **ecopakt**, water-verdunbare grondlaag/deklaag

### 2-komponent, met speciale eigenschappen

- **2-Kompo**, sneldrogend vanaf 20°C, zijdemat, voor alle metalen, gewaardeerde hechtgrondlaag op zink, universeel
- **2K-Durasolid**, voor constante onderdompeling in water
- **2K-Anti-Graffic**, transparant of kleur, hoge bestendigheid
- **2K-M-Schutzlack**, glanzende vernis, extreem goede hechting
- **2K-Flexi-Lack**, transparant of kleur, flexibel en slagvast

### Diversen, verdunningen

- **Kombi-Verdunner**, krachtig, snelle verdamping voor alle Branth verven
- **Special-Verdunner**, trage verdamping, voor alle Branth verven
- **Edel-Firnis**, drenkt hout met hars en olie
- **Alu-Glasur**, hittevast tot 600°C, aanbevolen belasting vanaf 250°C
- **HgS**, sneldrogende hechtgrondlaag, mengbaar met "3in1"
- **RMB**, loodvrije roestwerende menie, handmatige verwerking
- **Slide-Stop-Additiv**, anti-slip granulaat voor 3 in 1, 2-Kompo, Durasolid, enz.

Laagdikte aanbeveling volgens DIN-EN-ISO 12944-6 voor Corrosieklasse C5M (zeer sterke atmosferische corrosiebelasting, bijv. industriële buitentoepassing met hoge vochtigheid en agressieve atmosfeer, kust- en offshore gebieden met een hoog zoutgehalte):

Brantho-Korrux „3 in 1“:	ondergrond Sa 2½
Verwachte beschermingsduur "K":	min. 140 µm (min. 2 lagen)
Verwachte beschermingsduur "M":	min. 160 µm (min. 2 lagen)
Verwachte beschermingsduur "L":	min. 240 µm (min. 3 lagen)
Bij St2 ondergrond (handontroest)	min. 80 µm extra aanbrengen

Brantho-Korrux „2K-Durasolid“:	ondergrond Sa 2½
Verwachte beschermingsduur "K":	min. 240 µm (min. 2 lagen)
Verwachte beschermingsduur "M":	min. 300 µm (min. 2 lagen)
Verwachte beschermingsduur "L":	min. 450 µm (min. 3 lagen)

Ruwe ondergronden vereisen overeenkomstige hogere laagdiktes  
(DIN-EN-ISO: K= tot 5 jaar; M= 5 tot 15 jaar, L= meer dan 15 jaar)

### Beschikbare verpakkingen:

- Standaard: 750 ml, 5 liter
- Op aanvraag: 10 liter of 20 liter blikken, of
- 200 liter vaten met deksel

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IPCS House  
32 Darynton Avenue  
Birchington, Kent CT7 9PS  
Tel. 01843-84 54 72  
Fax 01843-84 77 22  
E-Mail: sales@ipcsltd.co.uk  
Internet: www.ipcsltd.co.uk

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Holland Coating B.V.  
Het Gangboord 47  
9206 BJ DRACHTEN  
Tel.: 0512-54 87 14  
Fax: 0512-54 87 16  
info@hollandcoating.nl  
www.hollandcoating.nl

De kleuren zijn uit driekleurige grond met handontroest. Brantho-Korrux „3 in 1“ is de geconcludeerde Keuren leverbaar. Een deel van deze Keuren is in andere soorten leverbaar. Brantho-Korrux „2K-Durasolid“ is standaard verkrijgbaar in de volgende Keuren: 3009, 5015, 9001, 9005, 9006, 9007, 9008, 9009, 9010, 9011, 9012, 9013, 9014, 9015, 9016, 9017, 9018, 9019, 9020, 9021, 9022, 9023, 9024, 9025, 9026, 9027, 9028, 9029, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039, 9040, 9041, 9042, 9043, 9044, 9045, 9046, 9047, 9048, 9049, 9050, 9051, 9052, 9053, 9054, 9055, 9056, 9057, 9058, 9059, 9060, 9061, 9062, 9063, 9064, 9065, 9066, 9067, 9068, 9069, 9070, 9071, 9072, 9073, 9074, 9075, 9076, 9077, 9078, 9079, 9080, 9081, 9082, 9083, 9084, 9085, 9086, 9087, 9088, 9089, 9090, 9091, 9092, 9093, 9094, 9095, 9096, 9097, 9098, 9099, 9100, 9101, 9102, 9103, 9104, 9105, 9106, 9107, 9108, 9109, 9110, 9111, 9112, 9113, 9114, 9115, 9116, 9117, 9118, 9119, 9120, 9121, 9122, 9123, 9124, 9125, 9126, 9127, 9128, 9129, 9130, 9131, 9132, 9133, 9134, 9135, 9136, 9137, 9138, 9139, 9140, 9141, 9142, 9143, 9144, 9145, 9146, 9147, 9148, 9149, 9150, 9151, 9152, 9153, 9154, 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