

KBS blacking system per immersion

GiMA
BLACK IT EASY



KBS blacking system is cost-effective, environmentally friendly, without salt residues.

The KBS burnishing approach is a simple dipping process in eight steps, specifically developed for industrial operations. Burnishing takes place at room temperature (min. 18°C) and so can be done almost anywhere.

Degreasing:
approx. 10-15 min.



Rinsing:
approx. 30 seconds.



Activating:
approx. 30 sec.- 3 min.



Rinsing:
approx. 30 seconds.

Blacking:
approx. 30 sec.- 3 min.



Rinsing:
approx. 30 seconds.

Dewatering & rust protection:
at least 15 min.



Air drying:
at least 2 hrs.



Degreaser concentrates

The alkaline special degreaser frees workpieces of oil and fat for an even result. The hot degreaser can be heated to 80°C.

KBS 1001 cold degreaser *
KBS 1002 hot degreaser *



Activator concentrates

The activator roughens iron, steel, cast iron and tin parts in the dipping process. The pickling solution is recommended for tempered or heavily soiled material. Application **only** at room temperature.

KBS 2000 activator *
KBS 2003 pickling solution *



Burnishing solution concentrates

Burnish the material at room temperature, through simple dipping of the parts to be treated.

KBS 3080 nickel-free, for cast iron, steel and tin *
KBS 3000 for cast iron, steel and tin *
KBS 3004 for chromium-nickel steel (depending on the chromium content, max. 17%) *
KBS 3010 Antique for brass, bronze, copper. *
KBS 3020 for zinc die-casting *
KBS 3070 for aluminium die-casting *



Dewatering oil

The dewatering oils displace moisture and, depending on the need, form a mild to strong corrosion protection film. **KBS 4001** dewatering oil with low corrosion protection *
KBS 4002 dewatering oil with high corrosion protection *
KBS 4003 dewatering oil, standard *

* Available in 1 l, 5 l and 25 l container sizes



KBS 7001 NF starter set

Your introduction to KBS burnishing systems: you receive them ready-for-application - for each 5 liter, cold degreaser, activator, „Easy Black“ burnishing solution and dewatering oil. Thus, approximately 10 to 12 m² can be burnished (depending on the alloy) with corrosion protection as with hot burnishing. Including 7 containers with 2.5 liters each, so they can be tried out immediately.

KBS 7001 NF: nickel-free set for steel, iron, cast iron, tin
KBS 7005: set for brass, bronze, copper



10 l / 20 l / 50 l Immersion systems

The 10-liter system consists of 7 stable plastic tubs with lids.

The 20-liter and 50-liter systems consist of stainless steel frames with 8 panels, and are equipped with 6 PP containers with lids and a stainless steel tub with a drain tap for the dewatering oil. Size of tubs:

10-liter: 365 x 265 x 135 mm

20-liter: 400 x 265 x 300 mm

50-liter: 615 x 430 x 420 mm

Special systems upon request

More information at www.kbs-bruenieren.de



KBS blacking set for use in mechanical engineering, tool making and model making or for gun care:

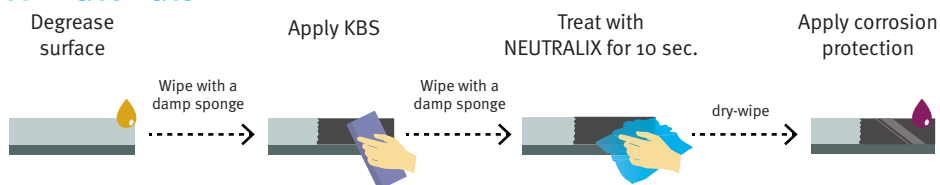
For steel, cast iron and tin:
KBS 7010 (100 ml), KBS 7020 (1 l)

For bronze, copper, brass:
KBS 7011 (100 ml), KBS 7021 (1 l)

For aluminium:
KBS 7012 (100 ml), KBS 7022 (1 l)

KBS blacking products for applying to materials

Blacking of steel, aluminium, iron, cast iron, brass, copper, bronze, tin.



Images similar



Touch Up blacking

Burnish the material with a cloth, a brush or a sponge – with the KBS solution.

KBS 3005 for iron, cast iron, steel, tin *
KBS 3015 for brass, bronze, copper *
KBS 3075 for aluminium *

BRÜNI MARKERS blacking pens

BRÜNI MARKERS have been developed for the permanent blacking of metal parts. They can be applied to cast iron, steel, tin and iron. For repairing minor damage such as scratches. Results depend on the alloy.

KBS 5000 with a broad tip
KBS 5001 with an XL tip
KBS 5002 with a fine tip

BRÜNIMAT® paste / gel

BRÜNIMAT for iron, cast iron, steel and tin as a gel in a 1 kg container (**KBS 6003**) and as pastes in 50 g (**KBS 6000**), 150g (**KBS 6001**) and 300g (**KBS 6002**). Also available as a gel in the **KBS 6004 burnishing kit** (with sponge, sanding fleece, gloves and 100 ml **NEUTRALIX NG01**).

BRÜNIMAT pastes for brass, bronze and copper available in 50 g (**KBS 6010**), 150 g (**KBS 6011**), 300 g (**KBS 6012**) and 1 kg (**KBS 6013**).

BRÜNIMAT pastes for galvanised parts available in 1 kg containers (**KBS 6023**).

Accessories

KBS 5111 Jelt Jelt spray degreaser, 650 ml can

KBS NG01 NEUTRALIX Neutralix in 100 ml spray bottles, 1 liter bottles and 5 liter canisters

KBS 4000 corrosion protection oil *
KBS 4900 Dry Protect corrosion protection agent for a dry result *

* Available in 100 ml, 1 l, 5 l and 25 l container sizes

Application examples

Brass: Aging. Various stages. Untreated, burnished 1, 2 and 3 minutes

Application on aluminium

Blacking with Brüni-Marker blacking pen

Application on steel

