

# MIRROR FINISH or nothing

## BRIGHTEX®

### Child's play!

Lightning fast shadow free **mirror finish** in just 2 steps.

## BRIGHTEX® APPLICATION TIPS

### Polishing with Concept

The BRIGHTEX® system leaves untreated metal, for example stainless steel, with a shadow free mirror finish.

## BRIGHTEX® CREATING ART

### Fire and Flames

Bruno Wank showed us, that grinding is more than a science: grinding is an art and mirror finishing with Eisenblätter accentuates this artform.

## BRIGHTEX®

# Shine or not to shine – that is the question!

Geretsried, home of the perfect finish.

Hamlet surely would have been overjoyed to see metallic surfaces shine. To be, or not to be – achieve mirror finishing results in record time with the brand new polishing system from Eisenblätter.

Achieve a shadow free mirror finish in just two lightning fast working steps. This newly engineered polishing fleece is coated with an innovative universal polishing paste for pre and main polishing in one operation – with just one disc.

Instead of applying lots of paste onto the tool or the workpiece – that work is done for you with the BRIGHTEX® disc, simply attach your backing pad onto a variable speed angle grinder – ideally our VARILEX® WSF 1800 and away you go.



## Welcome,

Breaking news from the industry, the perfect mirror finish!

Customers and partners, we want to keep you informed on the revolutionary news in the field, it is our motto. With a mirror finish you can see yourself in.

Mirror finish or nothing is the premise for this newsletter. Included in this new edition; our new BRIGHTEX® brand polishing system which achieves a shadow free mirror finish in just two working steps and the new "Unitized" 3D fine grinding disc.

On the topic of new developments we have also better equipped our in-house logistics. A new state of the art packing process allows your orders to be sent out even faster.

Surface finishing of the highest standard from Eisenblätter. Simply better ideas.

Yours, Gerd Eisenblätter CEO

## SHORT DESCRIPTION – MIRROR POLISHING

# BRIGHTEX® – Polishing with Concept!

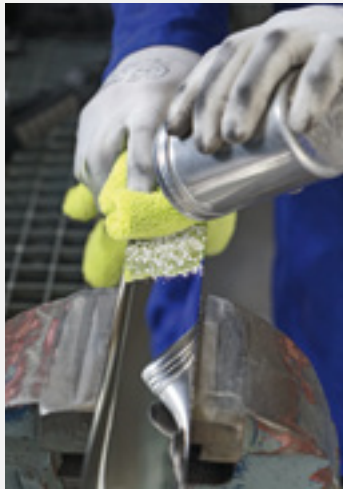
Eisenblätter makes mirror polishing child's play.

Only two, maximum three working steps are necessary for you to achieve the perfect shine. Our newly engineered BRIGHTEX® system leaves untreated metal, e.g. stainless steel, non-ferrous metals etc. with a shadow free mirror finish. This totally new technology consisting of specially engineered pre-treated polishing fleece and innovative universal polishing pastes enables pre and main polishing in one operation (BRIGHTEX® Berry). The second version, BRIGHTEX® Sun (Yellow) is used for the final polish after the BRIGHTEX® Berry leaving a finish like chrome!



### 1. Optional pre-grinding to remove scratches and damage

Should your workpiece, before polishing; contain welds, spots or deep marks you can pre-grind by using a coarse **FIX flap disc**. **Deep scratches** can be removed with **Trizact™ (Pyramid-grain) A45 = Grit 400 discs**. **Light scratches** can be removed with the **Trizact™ (Pyramid grains) A30 = Grit 600 discs**. The surface when finished should be cleaned with a cloth and then we can start polishing with the "BRIGHTEX® Berry", we recommend our VARILEX® WSF 1800 angle grinder (speed setting 2-3), usually an angle grinder with variable speed will suffice.



### 3. Interval step with BRIGHTEX® Softclean Powder and BRIGHTEX® scratch free cloth.

To remove the residue left by the polishing paste we offer a totally scratch free powder, the BRIGHTEX® Softclean Powder in conjunction with the BRIGHTEX® Scratch-free cloth it is a fast and uncomplicated solution. Simply sprinkle the BRIGHTEX® Softclean Powder using the aluminium can and then clean off the residue using the micro fibre cloth.



### 2. Pre and main polish with BRIGHTEX® Berry

With the BRIGHTEX® Berry polishing discs, accomplish both pre and main polishing in one operation. Simply attach to our FIX backing pad incl. soft damping adapter and apply a moderate amount of force onto the workpiece with a speed setting of 2-3.



### 4. Finish with BRIGHTEX® Sun

To gain an un-rivalled chrome-like shine simply use our BRIGHTEX® Sun (yellow) polishing products again using speed setting 2-3. With this final step we must remove the polishing residue (fog) from the workpiece to arrive at our final finish! So we employ the interval step with BRIGHTEX® Softclean Powder and BRIGHTEX® Scratch-free cloth and ... done!

A tool-test published by a German hardware newspaper (Eisenwarenzeitung) in the edition released on the 5/2016 demonstrated how effective our polishing system is. If you are interested Email us at [info@eisenblaetter.de](mailto:info@eisenblaetter.de)

## BRIGHTEX® PRODUCTS

# Take advantage of its benefits! Try it today!

BRIGHTEX® is always the correct system, when you want to achieve an exceptionally fine surface finish or mirror finish. This system is also notably good on fixed metal constructions that require a glossy finish. Also, when desired, a mirror polish on part of the workpiece can be achieved.

The BRIGHTEX® products come as belts, FIX discs or sleeves for all Eisenblätter grinding and polishing machines. As you can see there is a wide range. Regardless if it is on pipes or flat surfaces it is all possible with the BRIGHTEX® System. Use the Pipe Max, Pipe Sniper, POLY-PTX 800, Gladius® 1800 or simply just the VARILEX® 1800 Professional. Everything works with this system. The familiar Eisenblätter flexibility, when one system that works with all of Eisenblätter machines.

As you can see:  
Simply Better Ideas.



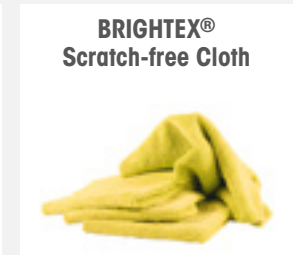
## BRIGHTEX® testing and polishing kit for speed-controlled angel grinder

contains:

- 1 **FIX special backign pad** 110 mm, M14, hook and loop, centring pin
- 1 **FIX soft damping adapter** 110 mm, harpoon hook & loop
- 1 **FIX Cool Top® flap disc** 115 x 10 mm, grit 40, hook and loop
- 3 **FIX Trizact™ disc** 115 x 10 mm, grit 400 / A45, hook and loop
- 3 **FIX Trizact™ disc** 115 x 10 mm, grit 600 / A30, hook and loop
- 5 **FIX BRIGHTEX® Berry** 115 x 10 mm, hook and loop, polishing disc
- 5 **FIX BRIGHTEX® Sun** 115 x 10 mm, hook and loop, polishing disc
- 1 **BRIGHTEX® Scratch-free Cloth** 400 x 400 mm
- 1 **BRIGHTEX® Softclean Powder** approx. 200 g, Aluminium shaker

Order  
now

## The BRIGHTEX® system from Eisenblätter:

|                                                                                                              |                                                                                                                              |                                                                                                                           |                                                                                                                       |                                                                                                                 |                                                                                                                                      |                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|  <p>For angle grinders</p> |  <p>For angle grinders/<br/>MINI MAX®</p> |  <p>For Eisenblätter belt grinders</p> |  <p>For Eisenblätter POLY-PTX®</p> |  <p>For polishing tools</p> |  <p>Cleaning/removing of<br/>paste residues</p> |  <p>Cleaning/removing of<br/>paste residues</p> |
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## THE ARTIST – BRUNO WANK

# Fire and Flames – a polishing studio for Munich, Germany.

Grinding is more than a science, grinding is an art and mirror polishing with Eisenblätter accentuates this artform.

Not far from Geretsried, also from the company Eisenblätter, the home of polished surface treatment, lays the studio of the freelance artist Mr. Bruno. He had a unique challenge in front of him: the creation of a sculpture, which should symbolize the elite sporting school on Knorrstraße in Munich (Grammar School Munich North). Mr. Bruno had designed a large scale flame for this task. Not just capturing the frenetic nature of the fire but also reflecting the values of perseverance, warmth, freedom, will and power. The size of the artist's project was colossal: 2.5 tons and 6 metres high.

"This flame should shine. Show movement. Sun, clouds, nature, emotion. People should be able to see themselves in the flame," said Mr. Bruno in an interview. This warranted the flame to be brought up to mirror finish – to give the appearance of the flames moving by themselves.

"Now, how do we get to a mirror finish?" we asked the artist. "We want something easy to maintain, for sand-blasted stainless steel in the form of a flame, with the one of a kind grinding and polishing system from Eisenblätter. The mirror finish of the flame gave it life. The structure will not corrode and is easy to maintain with the usage of Eisenblätter care products."

As you can imagine moving the object is extremely difficult and can only be done with a welded on transport hook. After standing the statue up this needs to be removed – naturally these points left behind also need to shine. But firstly it must be polished! After two weeks of polishing with an older method Mr. Bruno was brought to the attention of the BRIGHTEX® polishing system and came into contact with Eisenblätter. Fascinated with this enormous challenge, a small team from Eisenblätter travelled to the artist's studio. In their luggage: the new BRIGHTEX® products and a VARILEX® WSF 1800 Professional, the world's strongest angle grinder in its class. What they found, was an enormous flame and an old, time consuming polishing system consisting of 14 -15 polishing steps.

With a different polishing strategy and instructions from Eisenblätter, Mr. Bruno began to polish. He could not believe his eyes: the previously polished material was even more precious and perfect. **The BRIGHTEX® products had undoubtedly refined the art piece.** "Through the application of the BRIGHTEX® polishing system I have saved at least one whole week of strenuous work time. Finally, after seven production steps and 3 years of work, one week of saved time is a lot."

**With this system you can undoubtedly save time and money:**  
**Go with the BRIGHTEX® polishing system from Eisenblätter from the start.**  
**Simply Better Ideas.**

### These Eisenblätter products were used:

1. For the removal of the coarse lifting point the FIX HellFire® flap disc was used. The ceramic grain is a hybrid grain 40/60 which effortlessly removes more in less time.
2. After this step the "raw" surface was treated with a Trizact™ disc (also from the FIX system in grit A30 = Grit 600).
3. After quickly cleaning the surface from grinding dust, he proceeded with the BRIGHTEX® Berry discs for the pre and main polish. The discs are pre-treated with a new polishing paste, so that you can get started straight away.



After a few minutes of polishing he removed the remaining polishing residue using the BRIGHTEX® Softclean Powder and microfiber cloth, once the surface is completely clean he started with the final working step, BRIGHTEX® Sun. These discs are also pre-treated with a very fine (yellow) paste. Within a few minutes we had a perfect seamless mirror finish result.



It should be pointed out that in between the polishing steps the paste residue must be removed with the soft clean powder (sprinkle like salt and then clean off with the BRIGHTEX® microfiber cloths) this must be done to avoid mixing the grits of the different pastes.

The FIX system (specialist, elastic hook & loop backing plate with centring pin,) for polishing we highly recommend using the soft-damping adapter for an even application. Resulting in perfect adjustment to the workpiece.

All products for mirror finishing can be used on our handheld polishing machines or variable speed angle grinders which you can find in our new catalogue, page 86 to 93 and 167 to 168 respectively.



## A NEW FORCE IN GRINDING

# MAGNUM® Unitized "Fine grinding discs"!

One product, 1000's of possibilities, for all metals.

**Three dimensional. Multi-Layered. Impregnated. Grinding additive. Durable.**

All our Unitized products consist of grit impregnated multi-layered fleece, impregnated with grit, this is then pressed together with the impregnated foam. This high compression of the fleece makes the disc an all-rounder for all materials. This disc comes in two different hardness levels, hard and soft.

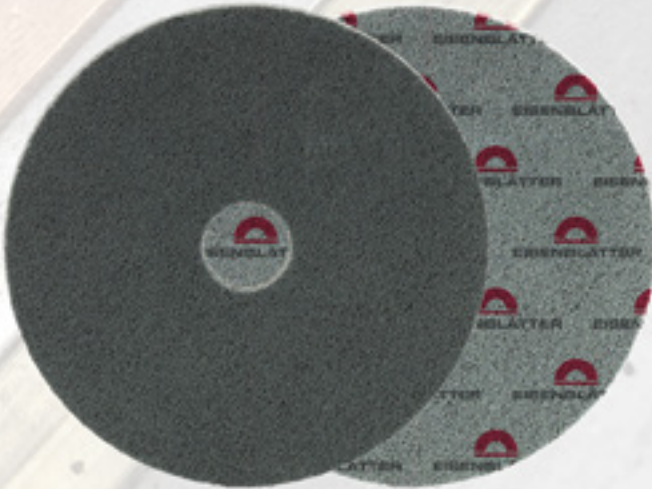
Finishing Details:  
Hard for a finish of grit 180 – 220  
Soft for a finish of grit 240 – 280

**You will be amazed, when you use the MAGNUM® Unitized discs for deburring and blending, anything from sheets, pipes, weld seams or fillet welds.**

This three dimensional grinding process is extremely flexible and durable, perfect from fine grinding, spot grinding and deburring. This material is ideal for a variety of uses from scratch removal to preparing the surface for a mirror finish. Due to the magnum unitized discs having a watertight structure, being machine washable, flexible and insulated it can also be used for wet grinding.

Unitized discs can be used on every side, it does not matter if it is the front, edge or side of the disc. Our Unitized come in 127 and 152mm diameters. Of course you can find all of these products in our web shop. The unitized range has emerged as an application friendly, efficient, time and cost saving solution.

Unitized discs should be primarily used with a variable speed fillet weld grinder, angle grinder or edge polisher. In doing so the best speed setting is a low to medium speed. (2,000 – 5,000 rpm).



**Order now our MAGNUM® UNITIZED® testing kits and discover the advantages of our new allround finegrinding discs!**

**Order now**

## LIVE PRODUCT DEMO AND TRAINING

# Demo center

**Training for our customers and users, including our resellers and their sales force.**

In our Demo center we have had more than 1000 participants using our machines, systems and application principles. What can you do when you wish to seek intensive training from us?

**We will gladly arrange something with you, just ring us at Tel: (+49) 2633 2000 – 982.**



## COMPANY INSIGHT

# Packing Station

Our goal is this, to constantly improve the logistical process. Here you see our new packing system with automatic logistical system, weight verification, labelling process, conveyer belt system and a carton wrapping machine. Your future delivery will come through our new optimized system packed and shipped all in the same place.

**The result: Happy Customers. Eisenblätter. Simply Better Ideas.**



## IMPRINT

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