



# Unrivalled Performance

Bona Abrasives – Speed and durability for wooden floors

**Bona**<sup>®</sup>





# Unrivalled sanding performance

With over 90 years of experience in bringing out the beauty of wooden floors, Bona features a unique range of abrasives, developed based on the special requirements of wooden floor sanding, delivering greater durability, speed and results.

Tried, tested and widely used by contractors and professionals around the world, the range's outstanding properties have now been verified in the extensive Stuttgart test in Germany.

- *Durability – Longer lasting*
- *Speed – Faster sanding*
- *Results – Less fibre ripping, smoother surface*



## Uniquely made for wooden floors

Wooden floors are surfaces with special properties. That is why when it comes to wooden floor sanding, special abrasives have to be used in order to achieve the perfect result. Bona combines 90 years of experience and state-of-the-art technology to develop unique abrasives created with optimal material mixes specially for wooden floor sanding.

### Durability – Longer lasting

The special mixes of sanding agents deliver the perfect cut towards wooden surfaces while staying sharp over time. Regardless of the sanding challenge, Bona Abrasives range has the ideal sanding solution.

### Speed – Faster sanding

The optimised mix of Bona Abrasives delivers an outstanding sanding speed versus other abrasives of the same material by up to an impressive 65%. In addition, antistatic properties produces less dust and minimises cleaning of the sanding machines, making sanding jobs much faster.

### Result – Smoother surface

Bona Abrasives are a perfect balance of aggressive sanding and gentleness to the wooden floor. Instead of tearing out the wood fibres and damaging the floor, our abrasives grind the surface homogeneously, resulting in a visibly more even end surface.







# Tried and trusted – now technically verified

Used and trusted by skilled flooring craftsmen worldwide, Bona Abrasives' unparalleled performance has now been technically verified with astonishing results.

In summer of 2014, Bona commissioned an extensive and detailed test that was executed in Stuttgart, Germany, to compare the sanding performance of Bona Abrasives and the most commonly used products from major brands in the industry.

Bona Abrasives' unrivalled performance has now been scientifically verified with astonishing results. In the comprehensive test, zirconium- and ceramic-based abrasives were tested, individually and in sequence, to evaluate and determine the difference in performance between relevant competitors.



## The Stuttgart Test

A large project site, with an 800 m<sup>2</sup> oak block-parquet floor previously coated with an old 2-component finish, was used for the test. Attributes measured were durability (lifetime of abrasives), speed (time spent abrading surface), performance (quality of surface).

A broad variety of most commonly used products from leading brands were tested alongside Bona Abrasives – with widely used grit size and categories, from standard, medium and premium grades with different mixes such as zirconium, ceramic and silicon carbide.

### Measure parameters:

- *Speed – Time spent to abrade surface*
- *Removal – % removal of old finish*
- *Surface quality – Evenness and smoothness*
- *Durability – Number of belts needed*

## Amazing results

### Bona Abrasives – A cut above

Bona Abrasives outperform competitors in in all areas tested in every category. In some tests, our abrasives even performed on par or outperformed more premium competitor products with tougher mixes, thanks to their unique properties.

- *Up to 60% faster than competition*
- *Fewer passes to achieve smoother surface*
- *Lasts up to 3 times longer*
- *Less fibre ripping on surface*







# Unrivalled performance saving time & money

During the Stuttgart Test, the most commonly used abrasive types in the market were pitted against one another. These include leading competing brands such as Hermes, Mirka, Norton and Starcke.

Bona Abrasives are 22% faster than average score of the tested competitors. Combined with fewer belts being used, cost savings when using Bona Abrasive is evident.

The Bona Abrasive 8300 lasts up to 3 times as long as competitors. Competitor abrasives needed at least one more belt to finish sanding compared to Bona 8300 and Bona 8700. This is thanks to its unique grit structure that self-sharpens and maintains its sanding aggressiveness over time.

## Surface quality

With the Bona Abrasive 8300, the end surface was visibly smoother, with less fibre ripping and less deep scratches.



*Bona*



*Competitor*

## Fibre removal

The fineness of the sanding dust is evidence to whether the abrasive grinds the floor evenly, or removes fibres from the wood and damages it. The sanding dust from using Bona Abrasives 8300 and 8700 clearly shows no evidence of fibre ripping.



*Bona's sanding dust is fine and powdered.*



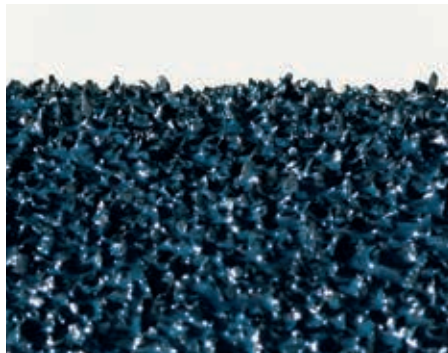
*Competitor's sanding dust shows evidence of fibre ripping.*

## Even sanding

The more even a grit surface is on the abrasive, the easier it is to achieve a smoother surface. Bona Abrasive 8300 displays a significantly more even grit structure.



*Bona*



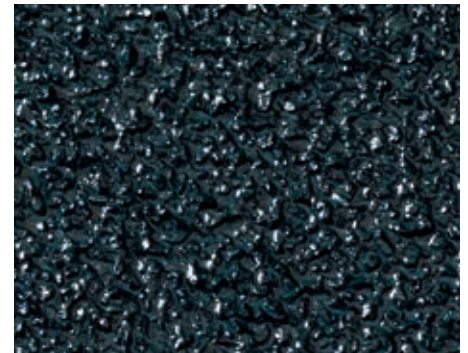
*Competitor*

## Grit distribution

With a uniform distribution of grit, sanding results are smoother and more even. Both Bona Abrasive 8300 and 8700 display a significantly more uniform grit distribution.

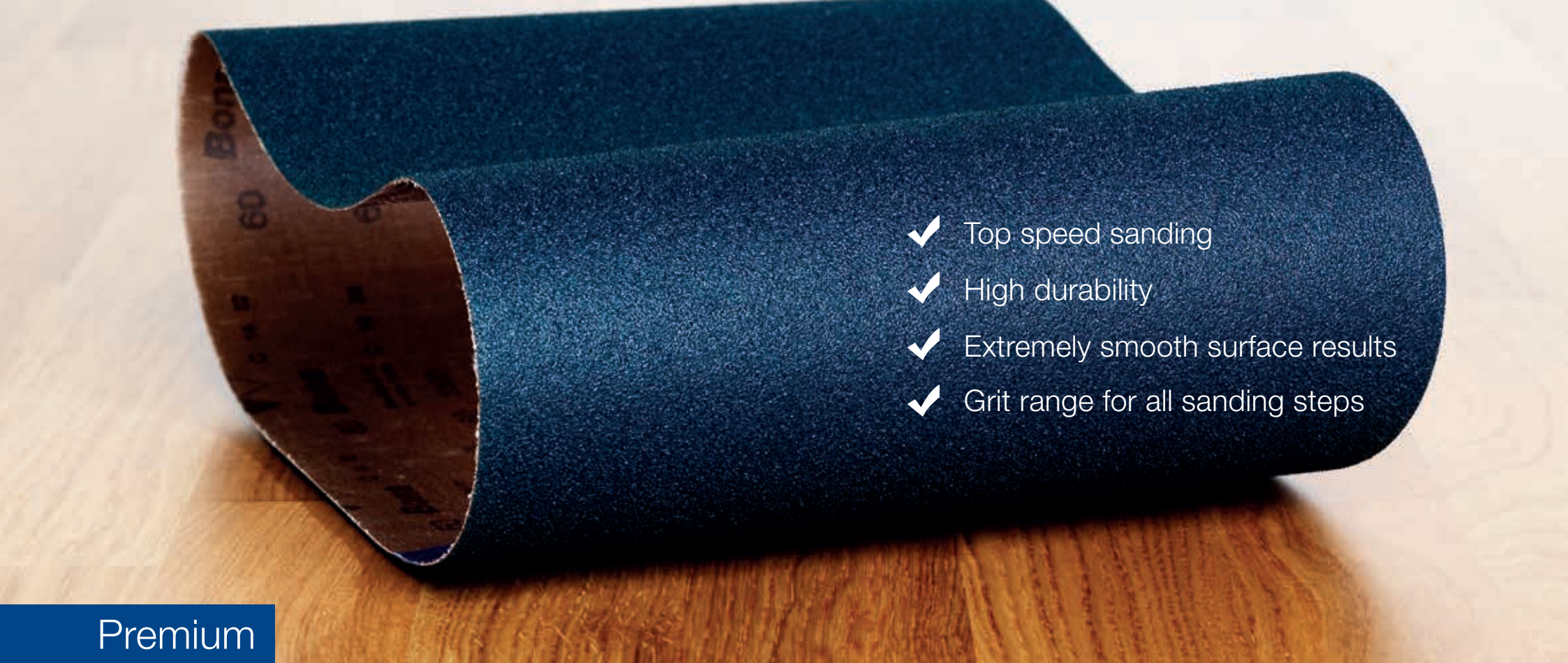


*Bona*



*Competitor*





- ✓ Top speed sanding
- ✓ High durability
- ✓ Extremely smooth surface results
- ✓ Grit range for all sanding steps

Premium

## Bona 8300 – Top speed to a premium surface

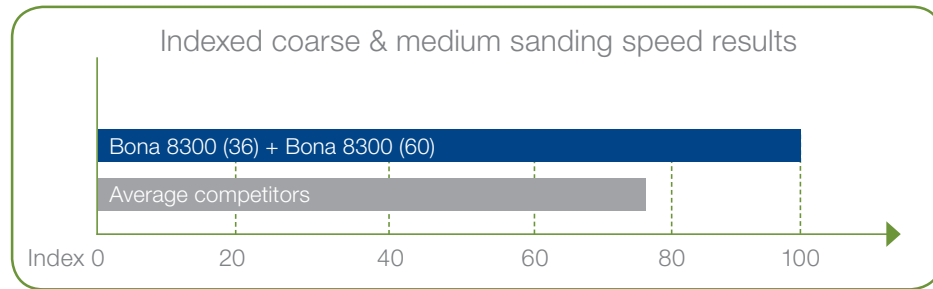
Premium abrasive made of an optimal zirconium mix for a perfect balance between aggressiveness and surface finish. The Bona 8300 abrasives are of very high durability and have an antistatic coating that impedes clogging and ensures cooler and longer runtime as well as better dust extraction.

The character of the grit material is such that new sharp points are created during use, ensuring maintained aggressiveness throughout its lifetime. The amazing properties of Bona 8300 were put to the test against its closest competitors in Stuttgart, Germany in 2014. The abrasive proved to be faster, longer lasting, and delivers a smoother, more even surface than competing zirconium abrasives.



## Top speed process – saving time & money

When compared to other zirconium abrasives, Bona 8300 performs significantly faster. In addition to its excellent speed, long lasting properties of the unique zirconium mix contributes to the overall premium performance of Bona 8300 – fewer belts required, higher speed and smoother end result.



The Bona Abrasive 8300 lasts up to 3 times as long as compared competitors. Bona 8300 exhibits a 22% shorter sanding time compared to the average results of its zirconium-based competitors.

## Unique removal efficiency



*Bona 8300 effectively removes old finish / line marking*



*Competitors do not fully remove old finish / line marking*

## High durability and smoother surface

Bona 8300 lasts up to 3 times longer than relevant competitors, which means that significantly less belts are used to complete a sanding job.

Its unique zirconium mix and even distribution of grits allows the Bona 8300 to grind the floor evenly without fibre ripping to deliver a remarkably smoother end surface.

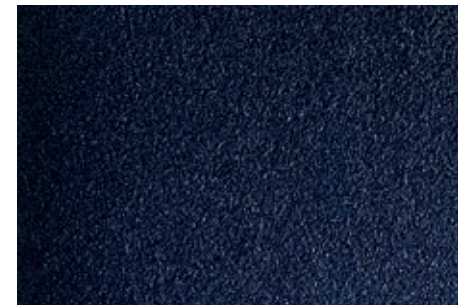
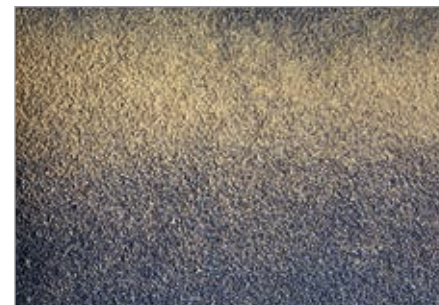


*Bona's sanding dust is fine and powdered.*

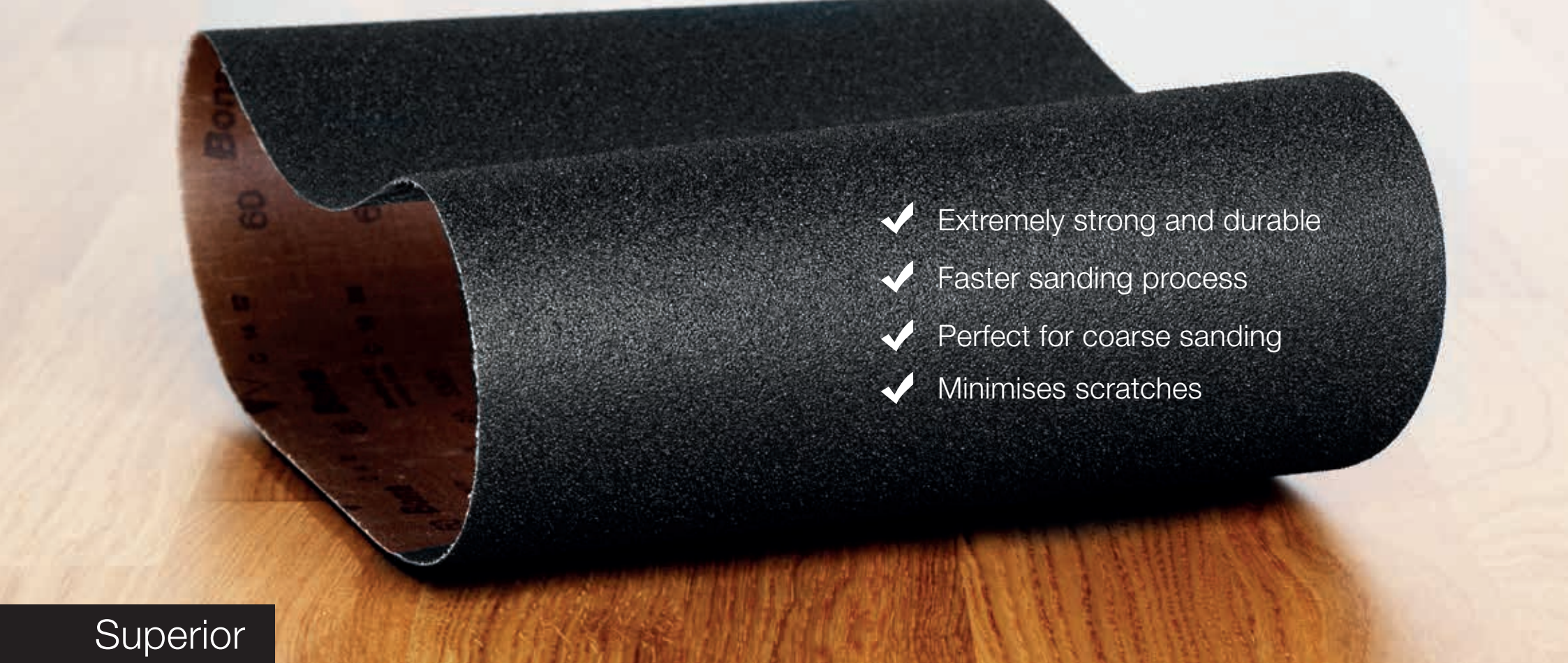


*Competitor's sanding dust shows evidence of fibre ripping.*

## Anti-static properties for maintained aggressiveness



Bona 8700 has anti-static properties, which repel dust from the abrasive surface. This prevents clogging and allows the abrasive to maintain its aggressiveness over time, which is especially important in the finer part of the grit range.



- ✓ Extremely strong and durable
- ✓ Faster sanding process
- ✓ Perfect for coarse sanding
- ✓ Minimises scratches

Superior

## Bona 8700 – Durable strength for a faster process

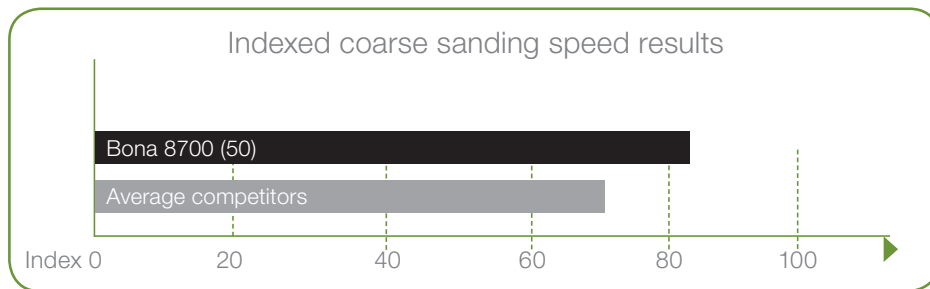
Superior abrasive made of ceramic grits for easy removal of hard lacquers, carpet residue and for flattening highly uneven timber. Together with the smoother Bona 8300 Series, it creates an optimal system for high sanding performance combined with an excellent surface finish.

The ceramic grits used on the abrasives are close to diamonds in hardness ensuring extremely long-lasting abrasives with maintained aggressiveness. It also allows coarse sanding to begin with a finer grit of 50, which means skipping a step in the sanding process, saving time and money. It is the only abrasive in the market that allows sanding down to bare wood using the Bona Power Drive.



## Faster process – saving time & money

Choose the Bona 8700 for the fastest sanding process in the market. Its unique ceramic mix allows you to begin coarse sanding with a finer grit 50 instead of the usual grit 36. This can then be followed by medium sanding with a grit 80 paper, which reduces the number of sanding steps, saving you precious time and money. The faster, shortened process also delivers a smoother, more even surface with less scratches.



Bona 8700 (grit 50) has a much higher sanding speed than average competitors.

## Unique bare wood sanding

Bona 8700 makes sanding down to bare wood possible, using the unique system of Bona Power Drive and Bona FlexiSand 1.5. The effectiveness of Bona 8700, driven by the Bona Power Drive, delivers powerful, horizontal sanding action that results in a smooth and even surface.



## Balanced cut with superior durability

The unique ceramic mix of the Bona 8700 delivers extreme aggressiveness perfectly balanced with gentleness to the wood floor. It effectively removes tough finishes without causing deep scratches and fibre ripping on the surface. The Bona 8700 self-sharpenes with use, which means that it maintains its aggressiveness over time and less belts are needed to complete a sanding job, further saving time on belt changing.

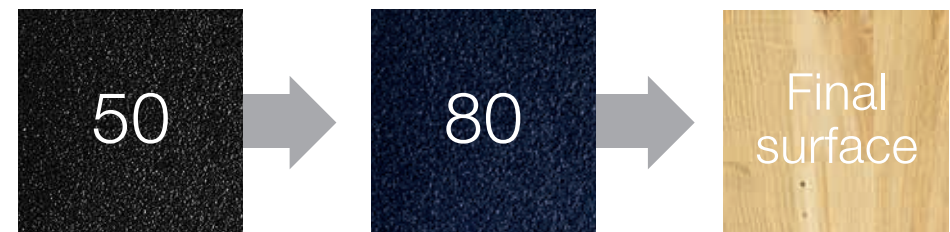


Bona 8700 effectively removes old finish / line marking



Competitors do not fully remove old finish / line marking

## Enabling a process with less steps

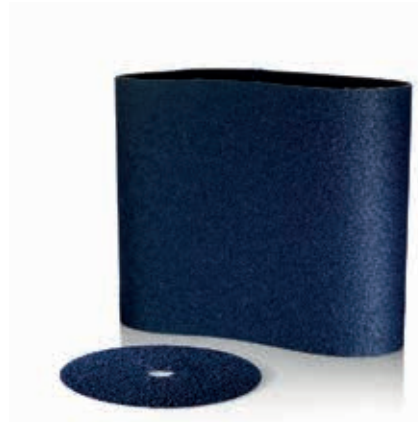


# Abrasives for different situations





# Bona Abrasives Overview



Type:

Standard

Premium

Superior

Special

Name:

8500/8100

8300

8700

Diamond

Dimension mm:

Belts: 200 x 750, 250 x 750  
Discs: 100, 125, 150, 178

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Discs: 100, 125, 150, 178

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Discs: 125, 150

Grit range:

Belts: P 16 - P 120  
Discs: P 16 - P 150

P 24 - P 120

P 36, P 50

P 240

Material:

Aluminiumoxide / Silicon carbide

Zirconium

Ceramic

Diamond

Situation

Effective sanding where  
no extra sanding  
performance is required

Agressive, yet smooth,  
anti-static sanding on  
most wooden surfaces

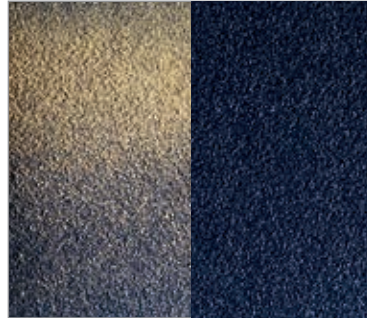
Very aggressive and long  
lasting sanding for removal  
of old, hard laquers

Sanding before re-coating  
or extra fine wood sanding

# With Performance in Mind

## Anti-static for less clogging

The Bona Abrasives range includes products with anti-static properties, which repel dust from the disc surface. The dust may then be contained more easily by the Bona DCS (Dust Containment System) or similar, ensuring improved working conditions for the craftsman.



## Easy-to-switch Velcro fit

To reduce time spent on replacing used abrasive discs, Bona offers the easy-to-switch Velcro system on the back of several products. The disc may be fitted in place in one easy action, ready to sand again in just a few seconds. The Velcro fittings are designed to withstand the strong forces provided by the buffer machine.



## Durable backing

A long-lasting abrasive depends on more than aggressive sanding particles. Bona abrasives have carefully selected backing materials, designed to meet the requirements of every specific application.



## Two-way belt for longer life

Due to the unique Bona finger joint, the belt abrasives last up to 3 times as long as competing abrasives. Unlike these, Bona's abrasive belts can be run in both directions so both sides of the abrasive particles are used.



## Heat-resistant stability

The friction in any sanding operation creates heat. All abrasives in the range of Bona products are developed to be heat resistant. In practice, this secures stability – maintaining the length of the belt when the temperature rises. This prevents the abrasive from moving along the drum, delivering a perfect and smooth sanding result.



## Kevlar splicings

The use of belt machines means abrasives are exposed to high forces. For that reason, Bona belt abrasives are all Kevlar reinforced in the splicing. We make sure that your abrasive lasts as long as expected.







# **Bona**<sup>®</sup>

*Passion for wood floors*

Established in 1919, Bona is a world leading innovator with a unique system for wooden floor treatment. Through subsidiaries and distributors we have local presence in more than 90 different countries enabling us to be close to our customers and craftsmen.

Our long commitment and passion for wooden floors enable us to offer lasting, sustainable results that meet all wooden floor needs for professionals and floor owners alike.

