

Abrasives for the Wood and Furniture Industry



Genuine STARCKE. Since 1829.



EXCELLENCE IS NOT A MATTER OF CHANCE.

Abrasives from STARCKE are of typical “Made in Germany” quality. For customers and partners world-wide, this means they can rely on a top supplier for professional abrasive operations in industrial manufacturing and trade. We offer efficient solutions that ensure perfect results in all lines of industry and areas of application.

The STARCKE organization is a medium-sized independent fourth-generation family-run business and ranks among the leading quality suppliers of coated abrasives. For over 185 years, STARCKE

abrasive cloths and papers have been used to give the required finish to a wide range of different products, ensuring top-quality results.

Quality is one of our top priorities and is continually reviewed. This involves inspecting our batches on a regular basis and documenting the results. In addition to being an ISO 9001 certified organization, STARCKE also caters to individual customer standards.

OUR EXPERTISE IN PRECISION SANDING.

We are the specialist for the processing of wood and wood-based materials and for perfect surface finishing in the woodworking and furniture industry.

Benefits for you:

- The perfect abrasive tool for every application
- A comprehensive range of products
- Consistent product quality “Made in Germany”
- Swift and dependable delivery
- Customized consultative services by our applications engineers, field and office staff.

EXPERTISE IN WOOD AND FURNITURE SANDING

Your partner for all sanding applications in the woodworking and furniture industry



1.

Abrasive products for wide belt sanders
» Panel manufacturing



2.

Abrasive products for wide belt sanders
» Furniture manufacturing



3.

Abrasive products for long belt sanders and edge belt sanders



4.

Abrasive products for profile sanders



5.

Abrasive products for brush sanders, pneumatic drums, orbital sanders, portable sanders

PLYWOOD – OSB | PANEL PRODUCTION



ARTICLE 641 XYP – 641 XP

Backing	Heavy, durable XY or X-weight polyester cloth
Grain type	Aluminum oxide
Coating	Closed
Grits	P 24, P 36, P 40, P 60-180, P 240
Areas of application	Flat surface sanding
Materials	Plywood, laminated densified wood, OSB, glue-laminated wood, all wood types
Benefits	<ul style="list-style-type: none"> – High-quality aluminum oxide grain ensures efficient sanding – High stock removal rate thanks to extremely sturdy polyester backing



ARTICLE 732 X

Backing	Heavy X-weight cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 40, P 60-150
Areas of application	Flat surface sanding
Materials	Plywood, laminated densified wood, OSB, glue-laminated wood, all wood types
Benefits	<ul style="list-style-type: none"> – The slightly open coat prevents premature clogging



PLYWOOD – OSB | PANEL PRODUCTION



Source: Weber

ARTICLE 732 E

Backing	Strong E-paper
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 24, P 36-240, P 320, P 400
Areas of application	Flat surface sanding
Materials	Plywood, laminated densified wood, OSB, glue-laminated wood
Benefits	<ul style="list-style-type: none"> – Highly uniform sanding results thanks to smooth paper backing – High-quality aluminum oxide grain ensures efficient sanding – The slightly open coat prevents premature clogging



ARTICLE 543 F6 – 542 E6 | ANTISTATIC

Backing	Sturdy F-paper – strong E-paper
Grain type	Aluminum oxide
Coating	Open - slightly open
Grits	P 40, P 60-320, P 400
Areas of application	Flat surface sanding
Materials	Plywood, laminated densified wood, OSB, glue-laminated wood
Benefits	<ul style="list-style-type: none"> – Longer service life due to dust-repellent antistatic properties – Highly uniform sanded surfaces thanks to smooth paper backing – High-quality aluminum oxide grain ensures efficient sanding – The open and slightly open coat prevents premature clogging



CHIPBOARD – MDF | PANEL PRODUCTION



Source: Weber

ARTICLE 942 XYP – 942 XP

Backing	Heavy, durable XY or X-polyester cloth
Grain type	Silicon carbide
Coating	Slightly open
Grits	P 24, P 30, P 40, P 50-220
Areas of application	Flat surface sanding
Materials	Chipboard, MDF, HDF, OSB
Benefits	<ul style="list-style-type: none"> – Excellent self-sharpening silicon carbide grain for extremely long service life in calibration and finishing applications – Polyester backing allows for high grinding pressures to ensure high stock removal rates – Silicon carbide grain ensures consistently uniform finishing results



ARTICLE 942 E

Backing	Strong E-paper
Grain type	Silicon carbide
Coating	Slightly open
Grits	P 30-120, P 180-240, P 320, P 400, P 600, P 800
Areas of application	Flat surface sanding
Materials	Chipboard, MDF, HDF, OSB coated wood based panels
Benefits	<ul style="list-style-type: none"> – Excellent self-sharpening silicon carbide grain for long service life in calibration and finishing applications – Highly uniform surface finishing thanks to smooth paper backing – Silicon carbide grain ensures consistently uniform finishing results



SOLID WOOD – GLUE-LAMINATED WOOD



Source: Weber

ARTICLE 641 X

Backing	Heavy X-weight cotton cloth
Grain type	Aluminum oxide
Coating	Closed
Grits	P 40, P 60-240, P 320, P 400
Areas of application	Flat surface sanding, edge sanding
Materials	Solid wood, veneer, glue-laminated wood, OSB
Benefits	<ul style="list-style-type: none"> – High-quality aluminum oxide grain for efficient calibration sanding – Heavy cotton backing for extensive sanding applications – Ideal coat density for sanding very hard woods – Multi-purpose abrasive for trade shops



ARTICLE 732 X

Backing	Heavy X-weight cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 40, P 60-150
Areas of application	Flat surface sanding, edge sanding
Materials	Solid wood, veneer, glue-laminated wood, OSB
Benefits	<ul style="list-style-type: none"> – Heavy cotton backing for extensive sanding applications – High-quality aluminum oxide grain for efficient calibration sanding – Ideal coat density for sanding very soft and gummy woods – Multi-purpose abrasive for trade shops



VENEERED ITEMS OF FURNITURE



Source: Weber

ARTICLE 543 F6 – 542 E6 | ANTISTATIC

Backing	Sturdy F-paper - strong E-paper
Grain type	Aluminum oxide
Coating	Open - slightly open
Grits	P 40, P 60-320, P 400
Areas of application	Flat surface sanding
Materials	Solid wood, veneer, OSB
Benefits	<ul style="list-style-type: none"> – Longer service life thanks to dust-repellent antistatic qualities – Highly uniform surface finishing thanks to smooth paper backing – High-quality aluminum oxide grain ensures efficient sanding – Open and slightly open coat prevents premature clogging



ARTICLE 732 E

Backing	Strong E-paper
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 24, P 36-240, P 320, P 400
Areas of application	Flat surface sanding
Materials	Solid wood, veneer, OSB
Benefits	<ul style="list-style-type: none"> – High-quality aluminum oxide grain ensures efficient sanding – Slightly open coat prevents premature clogging when sanding soft and gummy woods





Source: Langzauner

ARTICLE 543 F6 – 542 E6 | ANTISTATIC

Backing	Sturdy F-paper - strong E-paper
Grain type	Aluminum oxide
Coating	Open - slightly open
Grits	P 40, P 60-320, P 400
Areas of application	Flat surface sanding, edge sanding
Materials	Solid wood, veneer, OSB
Benefits	<ul style="list-style-type: none"> – Longer service life due to dust-repellent antistatic qualities – Highly uniform surface finishing thanks to smooth paper backing – High-quality aluminum oxide grain ensures efficient sanding – Open and slightly open coat prevents premature clogging

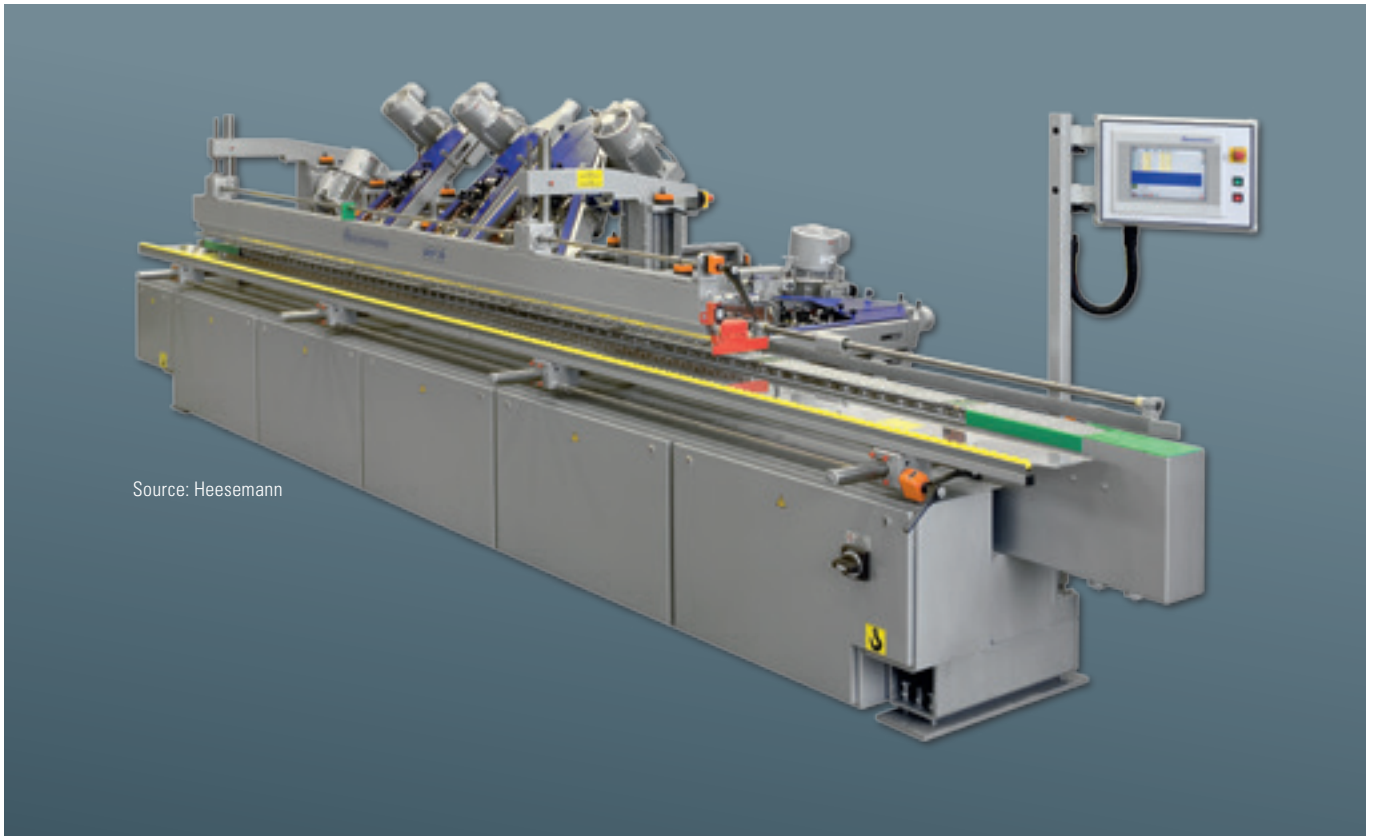


ARTICLE 732 E

Backing	Strong E-paper
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 24, P 36-240, P 320, P 400
Areas of application	Flat surface sanding, edge sanding
Materials	Solid wood, veneer, OSB
Benefits	<ul style="list-style-type: none"> – High-quality aluminum oxide grain ensures efficient sanding – Slightly open coat prevents premature clogging when sanding soft woods



PROFILE STRIP PROCESSING



Source: Heeseemann

ARTICLE 532 JF – 531 JFF

Backing	Light-weight flexible and very flexible J-cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open - closed
Grits	532JF: P 80-180, P 240, 531JFF: P 60-400, P 600, P 800
Areas of application	Sanding of wood moldings (sanding belt and brush)
Materials	Solid wood and veneered wood moldings, hardwood
Benefits	<ul style="list-style-type: none"> – Flexible backings conform perfectly to all profiles and contours – High-quality aluminum oxide grain ensures efficient sanding in all areas of the profile – Closed coat ensures excellent cutting properties on hardwood – Closed coat enhances the natural texture of the wood



ARTICLE 542 JFF

Backing	Light-weight very flexible J-cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 60-320, P 400-600
Areas of application	Sanding of wood moldings (sanding belt and brush)
Materials	Solid wood and veneered wood moldings, hardwood, softwood, greasy types of wood
Benefits	<ul style="list-style-type: none"> – very flexible backing for even intricate profiles – Slightly open coat prevents premature clogging – Aluminum oxide grain ensures high stock removal rate with abrasive brush tools





ARTICLE 542 JFF5 – STEARATE

Backing	Light-weight very flexible J-cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 150, P 180, P 240, P 320
Areas of application	Sanding of wood moldings (sanding belt and brush)
Materials	Painted/varnished solid-wood and veneer moldings
Benefits	<ul style="list-style-type: none"> – Very flexible backing for extremely demanding profile shapes – Improved removal rate due to stearate coat



ARTICLE 641 PF

Backing	Flexible cotton cloth
Grain type	Aluminum oxide
Coating	Closed
Grits	P 40-600
Areas of application	Hand sanding
Materials	All types of wood
Benefits	<ul style="list-style-type: none"> – Modified cotton cloth ensures good tear properties – Efficient surface finishing when used with sanding block – Conforms perfectly to mold profile in manual sanding – Closed coat enhances the natural texture of the wood



SMALL FURNITURE ITEMS



ARTICLE 991 A

Backing	Very flexible latex A-paper
Grain type	Silicon carbide
Coating	Closed
Grits	P 220-2500 ST 3000, ST 5000, ST 7000
Areas of application	Hand sanding
Materials	Hardwood, tropical hardwood
Benefits	<ul style="list-style-type: none"> – Extremely flexible paper backing conforms perfectly to the most delicate contours – Hard silicon carbide grain with excellent cutting properties ensures high stock removal rate – Highly uniform sanding results for subsequent base coat application and intermediate coat sanding



ARTICLE 514 D/NF – 514 C2/NF – FOAM BACKED

Backing	Sturdy latex D and C-paper
Grain type	Aluminum oxide
Coating	Wide open
Grits	P 80, P 100, P 150-240, P 150-240, P 280, P 320, P 400-800



SANDING SPONGE

Backing	Smooth, firm foam
Grain type	Silicium carbid
Coating	Open
Grits	P 60, P 100, P 180



SANDING SPONGE (FLAT)

Backing	Smooth, soft foam
Grain type	Silicon carbide
Coating	Open
Grits	P 100, P 180, P 220
Areas of application	Hand sanding
Materials	All types of wood
Benefits	– Flexible foam backing for perfect adjustment to contours

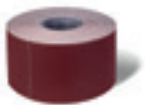


SOLID WOOD FURNITURE SANDING



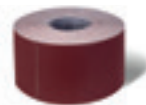
ARTICLE 532 JF – 531 JFF

Backing	Light-weight flexible and very flexible-weight cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open - closed
Grits	532JF: P 80-180, P 240, 531JFF: P 60-400, P 600, P 800
Areas of application	Sanding of wood moldings – shaped furniture parts
Materials	Solid-wood and veneer-lined furniture parts, all types of wood
Benefits	<ul style="list-style-type: none"> – Flexible backings conform perfectly to all profiles and contours – High-quality aluminum oxide grain ensures efficient sanding of surfaces and in all areas of the profile – Closed coat ensures excellent cutting properties for hardwood applications – Closed coat enhances the natural texture of the wood



ARTICLE 542 JFF

Backing	Light-weight very flexible J-cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 60-320, P 400-600
Areas of application	Sanding of wood moldings (sanding belt and brush)
Materials	Solid-wood and veneer-lined furniture parts, all types of wood
Benefits	<ul style="list-style-type: none"> – Very flexible backing for extremely contoured profile shapes – Slightly open coat prevents premature clogging – High-quality aluminum oxide grain ensures efficient sanding of surfaces and in all areas of the profile

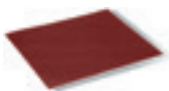


SOLID-WOOD FURNITURE SANDING



ARTICLE 641 PF

Backing	Flexible cotton cloth
Grain type	Aluminum oxide
Coating	Closed
Grits	P 40-600
Areas of application	Hand sanding
Materials	All types of wood
Benefits	<ul style="list-style-type: none"> – Modified cotton cloth ensures good tear properties – Efficient surface sanding when used with sanding block – Closed coat enhances the natural texture of the wood



ARTICLE 732 X

Backing	Heavy X-weight cotton cloth
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 40, P 60-150
Areas of application	Wood finishing belts, flat surface sanding, Hand belt sander
Materials	All types of wood, solid wood, veneer, glue-laminated wood, OSB
Benefits	<ul style="list-style-type: none"> – Heavy cotton backing for efficient sanding applications – High-quality aluminum oxide grain for efficient surface sanding – Ideal coat density for sanding soft and greasy types of wood – Multi-purpose abrasive for trade shops



SMALL FURNITURE COMPONENTS



ARTICLE 514 D – 514 C2 STEARATE

Backing Sturdy latex D-paper and flexible C-paper

Grain type Aluminum oxide

Coating Wide open

Grits P 40, P 60-120 | without stearate
P 150-800 | with stearate

Areas of application Flat surface sanding, orbital and random orbital sanders, hand sanding

Materials All types of wood, putty, filler

Benefits

- Latex-based backing ensures suitability both for use in portable sanders and for hand sanding
- Extremely sharp aluminum oxide grain for superior cutting performance
- Wide open coat prevents premature clogging when sanding very greasy work pieces



ARTICLE 542 C7 – 542 B7 SPECIAL STEARATE

Backing Strong latex C-paper and flexible B-paper

Grain type Aluminum oxide

Coating Slightly open

Grits P 40, P 60-600

Areas of application Flat surface sanding, orbital and random orbital sanders, manual sanding

Materials All types of wood, putty, filler

Benefits

- Latex-based backing ensures suitability both for use in portable sanders and for manual sanding
- Special stearate treatment improves removal rate and service life
- Slightly open coat prevents premature clogging when sanding gummy work pieces



INTERMEDIATE SANDING – WIDE BELT



Source: Heeseemann

ARTICLE 942 E

Backing	Strong E-paper
Grain type	Silicon carbide
Coating	Slightly open
Grits	P 30-120, P 180-240, P 320, P 400, P 600, P 800
Areas of application	Flat surface sanding

Materials Chipboard, MDF, filler, primer film and intermediate coat sanding

- Benefits
- Quality E-paper for uniform surface sanding
 - Excellent cutting and self-sharpening properties of the abrasive grain ensure a long service life
 - Slightly open coat prevents premature clogging



ARTICLE 543 F6 – 732 E

Backing	Durable F-paper – strong E-paper
Grain type	Aluminum oxide
Coating	Open - slightly open
Grits	P 40, P 60-240, P 320, P 400
Areas of application	Surface finishing

Materials Solid wood, veneer

- Benefits
- Longer service life due to dust-repellent antistatic design
 - Highly uniform surface finishing thanks to smooth paper backing
 - High-quality aluminum oxide grain ensures efficient sanding
 - Slightly open and open coat prevent premature clogging



LACQUER AND SOLID SURFACE SANDING



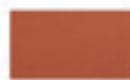
ARTICLE 514 C2 STEARATE

Backing	Flexible latex C-paper
Grain type	Aluminum oxide
Coating	Wide open
Grits	P 150-800 with stearate
Areas of application	Flat surface sanding with orbital or random orbital sanders, manual sanding
Materials	Putty, filler, paint and varnish, solid surface e.g. Corian®
Benefits	<ul style="list-style-type: none"> – Latex-based backing ensures excellent suitability both for portable sanders and hand sanding applications – High quality aluminum oxide grain ensures excellent cutting performance – Wide open coat and stearate additive prevent premature clogging



ARTICLE 542 B7 SPEZIAL-STEARATE

Backing	Flexible latex B-paper
Grain type	Aluminum oxide
Coating	Slightly open
Grits	P 40, P 60-600
Areas of application	Flat surface sanding, orbital and random orbital sanders, hand sanding
Materials	Putty, filler, paints and varnishes
Benefits	<ul style="list-style-type: none"> – Latex-based backing ensures excellent suitability both for portable sanders and manual sanding applications – Special stearate coating improves stock removal rate – Slightly open coat and special stearate additive ensure long service life



INTERMEDIATE SANDING – HAND SANDING



ARTICLE 991 A

Backing	Very flexible latex A-paper
Grain type	Silicon carbide
Coating	Closed
Grits	P 220-2500, ST 3000, ST 5000
Areas of application	Hand sanding
Materials	Prime coats, fillers, paints and varnishes
Benefits	<ul style="list-style-type: none"> – Extremely flexible paper backing conforms perfectly to the most delicate contours – Highly efficient sanding performance due to hardness and excellent cutting properties of silicon carbide grain – Highly uniform surface preparation for topcoat application

ARTICLE 991 C

Backing	Sturdy latex C-paper
Grain type	Silicon carbide
Coating	Closed
Grits	P 60-320, P 400-1200
Areas of application	Hand sanding
Materials	Prime coats, fillers, paints and varnishes
Benefits	<ul style="list-style-type: none"> – Flexible paper backing conforms perfectly to contours – Highly efficient sanding performance due to hardness and excellent cutting properties of silicon carbide grain – Highly uniform surface preparation for topcoat application



STARCKE®

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