

HTC
EZwood™
Wood grinding guide



HTC Wood grinding guide

NB! These are HTC's recommendations.

All floors are unique and differ depending on age, type of wood used and previous treatment.



A tip is to use a slightly finer tool than recommended by HTC for the first stage of grinding, and then decide yourself if the floor needs a coarser tool.



Presentation of accessories



EZwood Lilac 14 grit (art. no. 211980)

A very coarse tool. Effective at coarse grinding and removing paint and varnish.



EZwood Silver 24 grit (art. no. 211981)

A very coarse tool. Effective at stripping and removing paint and varnish.



EZwood Gold 36 grit (art. no. 211953)

A coarse tool. Normal starter tool for levelling uneven floors, e.g. duckboards, and removing thick paint.



EZwood Grey 60 grit (art. no. 211955)

A finer starter tool for level floors and removing paint.



EZwood Brown 80 grit (art. no. 211956)

Starter tool for parquet floors. Effective removal of paint and oil.



EZwood Black 100 grit (art. no. 211957)

For fine grinding and removing scratches from earlier stages. Should be finished with 100 grit sandpaper.



Abrasive paper 80 / 100 / 120 (art. no. 10782, 10783, 10785)



Holder for abrasive paper (art. no. 211061)

Holder for foamflex and sandpaper when grinding wood.



Holder for pads (art. no. 210670)

Velcro holder for EZwood oil pad.



Foamflex 175 mm (art. no. 211045)

Attaches to abrasive paper holder. For more flexible grinding.



EZwood oil pad – pack of 3 (art. no. 212010)

Attaches to holders and used after oiling and the final floor finish.

Before starting

Equipment

- ✓ HTC 420 VS
- ✓ Wooden box with grinding materials
- ✓ Vacuum cleaner (for wood dust)
- ✓ Edge grinder

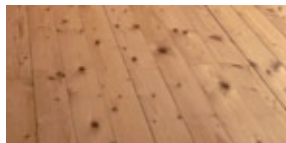


Be careful at the floor edges. If you operate the machine for too long outside an edge, there is a risk that the rotating tools under the machine may break.

What do you want to grind?

Floorboards (e.g. pine floors)

Old floorboards are often a little uneven and the first stage of grinding is mainly used to grind the floor and remove any sealant or oil.



1. Start off with a grey tool. (If the oil or sealant is thick and difficult to grind away, go back a stage to the gold tool. Then go back to a grey tool to grind away scratches left by the gold tool.)
2. Use the brown tool until the scratches from the grey tool are gone.
3. Use the black tool until the scratches from the brown tool are gone.
4. Attach the abrasive paper holder and foamflex (see image 1) and continue with 100 grit abrasive paper.
5. Ready to stain, oil or seal the floor.

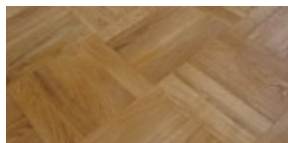
Duckboards and outdoor floors

Floors exposed to moisture usually become uneven and “warp”. To level the floor and reveal a new wooden surface, treat in the same way as floorboards.



Parquet floors

Parquet floors are usually sealed, oiled or treated with some form of hard wax. To prevent them developing deep scratches, we recommend starting with a brown tool. **NB!** Do not start with the gold tool or a coarser one, as this may damage the floor.



1. Start off with a brown tool until the sealant or oil has been removed. (If the oil or sealant is thick and difficult to grind away, go back a stage to the grey tool. Then go back to a brown tool to grind away scratches left by the grey tool.)
2. Attach the abrasive paper holder and foamflex (see image 1) and continue with 100 grit abrasive paper. If required, finish with 120 grit abrasive paper.
3. Ready to stain, oil or seal the floor.

Image 1 - Abrasive paper holders and foamflex



Image 2 - Holders for oil pads



Untreated wooden floors

(Floors with no sealant, oil, etc.)

If the floor is sufficiently flat:



1. 80 grit sandpaper
2. 100 grit sandpaper
3. Ready to stain, oil or varnish the floor

Stripping

Coarse tools are required to remove glue residue, paint or varnish.



1. Start off with the silver tool. If the tool becomes clogged, switch to the lilac tool and then go back to the silver tool.
2. Use the gold tool until the scratches left by the previous tool are gone.
3. Use the grey tool until the scratches left by the gold tool are gone.
4. Use the brown tool until the scratches from the grey tool are gone.
5. Use the black tool until the scratches left by a brown tool are gone.
6. Attach the abrasive paper holder and foamflex (see page 5, image 1). Finish with 100 grit abrasive paper.
7. Ready to stain, oil or varnish the floor.



A tip is to use cooking oil when removing varnish. Brush oil directly onto the floor. Wait around 15 minutes and then grind. The oil counteracts the possibility of the tools becoming messy. A steel brush is also useful for cleaning the tools.

Finishing with oil

When oiling a floor, follow the oil manufacturer's instructions. Wait around 30 minutes after the final oiling. Then massage the oil into the floor, whilst grinding away any rise of the grain in the wood using the oil pad.



1. Change to the white pad holder on the machine (see page 5, image 2).
2. Attach the pad
3. Go over the floor with the machine - wait around 30 minutes after the final oiling.
4. Wipe off the excess oil with a cloth.



Remember that oily rags and brushes may self-ignite.

Important!

- There is no danger of the machine penetrating deeper as long as it is not left standing and grinding for several seconds
- When removing sealant, etc., the machine runs at a low speed, around 3 on the machine
- You can grind as close as around 2 cm or so from the wall
- When the machine's "Overload light" is lit, you have around 5 seconds to reduce the speed BEFORE the fuse trips
- Do not operate the machine in the raised position
- It is best to run the vacuum cleaner and the grinding machine from different sockets in the house
- Floors with nails or screws – ensure these are level with the floor and not sticking up, as you risk damaging the tools and abrasive paper
- Vacuum the floor carefully before grinding so that no small stones and sand scratch the floor during grinding



Head office

HTC Sweden AB

Box 69
SE-614 22 Söderköping
Sweden

Street (delivery) address:
Klevvägen 7
SE-614 92 Söderköping
Sweden

Tel.: +46 (0)121-29400
Fax: +46 (0)121-15212
E-mail: info@htc-sweden.com
www.htc-floorsystems.com

HTC Floor Systems GmbH

Im Petersfeld 7
65624 Altendiez
Germany

Tel.: +49 (0) 6432 / 64558 - 0
Fax: +49 (0) 6432 / 64558 - 22
E-mail: info@htc-europe.de
www.htc-floorsystems.com

HTC Inc.

PO Box 5077
Knoxville, TN 37928
USA

Tel.: +1 865 689 2311
Fax: +1 865 689 3991
E-mail: info@htc-america.com
www.htc-floorsystems.com

HTC Floor Systems Ltd.

Unit 4 Kingston Business Park
Dunfermline Court
Maidstone Road
Kingston
Milton Keynes
MK10 0BY
United Kingdom

Tel.: +44 (0)845 460 2500
Fax: +44 (0)845 460 1500
E-mail: info@htc-europe.co.uk
www.htc-floorsystems.com

HTC France S.A.S.

ZI Mondeville Sud
Rue Nicéphore Niepce
14120 Mondeville
France

Tel.: +33 (0)2 31 34 27 00
Fax: +33 (0)2 31 34 09 29
E-mail: info@htc-europe.fr
www.htc-floorsystems.com