

Bona Diamond Sanding Plate

The Bona Diamond Sanding Plate system is an innovative solution for the efficient removal of hard lacquers and adhesive residues. It can be used for flattening uneven hardwood floors or as a first step prior to the standard sanding sequence where coarse sanding is needed.

The design of the diamond segments counteracts clogging and ensures a sustained high removal rate of sanding dust. The 150 mm discs are designed to be used with the Bona FlexiSand 1.9 equipped with a PowerDrive Connect or PowerDrive, as well as on handheld machines.

Due to high removal rate it is strongly recommended the a Bona DCS is used as part of the system to ensure the best possible dust pick up is achieved.

- Minimal clogging
- Removal of hard lacquer
- Sanding of hard wood and end-grain floors
- Removal of tough materials on wood e.g. adhesive residues, black japan or old foam backing from carpets

Technical data

Grit type:	Diamond
Coating:	Metal Diamond Segment for wood floors
Grit range:	30 & 70
Size:	150 mm
Backing:	Velcro
Compatibility:	Bona FlexiSand 1.9 with PowerDrive Connect or Power Drive plates. NB. Do not use weights on the Bona FlexiSand

Directions for use

The Diamond Sanding Plate is a complement to the standard sanding process which can speed up the sanding process on wooden floors. It leaves a coarse surface that requires further sanding to produce a smooth surface suitable for finishing.

Grit 30 - For dense timbers, end-grain flooring or adhesive residues

1. Mount four Diamond Sanding Plates on a Power Drive Connect or Power Drive. Do **not** use additional weights on the FlexiSand.
2. Sand the floor with the Diamond Sanding Plate grit 30. Check the temperature of the discs every 5 - 10 m². If needed, take short breaks to allow the segments to cool.
3. Continue sanding until the old coating has been breached and/or when the floor has been flattened.
4. Mount a Diamond Sanding Plate on a handheld machine to sand the edges.
5. Use Bona 8700 Ceramic Grit 36 and sand the entire surface.
6. Continue sanding, taking care to assess the floor frequently to ensure that all scratches have been removed. Work through the abrasive grit sequence until the surface has been sanded to a point where the chosen finishing system can be applied.



Bona[®]

Phone 1300 882 806



Grit 70 – For hard finishes

The diamond segments can break through ceramic reinforced UV coatings leading to savings on the quantity of abrasive required to achieve this with standard abrasives.

1. Mount four Diamond Sanding Plates on a Power Drive Connect or Power Drive. Do **not** use additional weights on the FlexiSand.
2. Sand the floor with the Diamond Sanding Plate grit 70. Check the temperature of the discs every 5 - 10 m². If needed, take short breaks to allow the segments to cool.
3. Continue sanding until the existing coating has been breached and/or when the floor has been flattened.
4. Mount a Diamond Sanding Plate on a handheld machine to sand the edges.
5. Use Bona 8700 Ceramic grit 50 and sand the entire surface.
6. Continue sanding, taking care to assess the floor frequently to ensure that all scratches have been removed. Work through the abrasive grit sequence until the surface has been sanded to a point where the chosen finishing system can be applied.

Important notes

The following instructions must be adhered to so as to ensure that a good outcome is achieved and that no damage is caused to the Bona FlexiSand or the floor.

- Only use the Diamond Sanding Plates on wooden floors.
- Take frequent cooling breaks. Depending on the composition of the material being sanded, a lot of heat can be generated. In extreme cases this may affect the surface being sanded and leave visible marks
- Excessively hot sanding plates can damage the Velcro system by melting the glue layer within the Sanding Plate.
- Do **not** use extra weights on the sanding machine. This may put the machine under undue stress and may also lead to damage to the floor surface.

Important! Never use Bona Diamond Sanding Plates on levelling compound, screed or a concrete floor. This will put the machine under undue stress, potentially leading to blown fuses and long-term damage with increased strain and wear on the FlexiSand motor.

Bona[®]

Phone 1300 882 806