

Instruction sheet

Flexis FM Floor Maintenance Pad System

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KGS DIAMOND GROUP SA

ZI Pra-de-Plan 15
1618 Châtel-St-Denis
SWITZERLAND
Phone: +41 (0)21 948 78 08
Fax: +41 (0)21 948 91 27

email : info@kgsdiamond.com

www.kgsdiamond.com

General instructions for processing hard floors

KGS Flexis FM has taken the newest system in the cleaning world and applied Swiss Diamond Technology together with experience gained over 25 years to advance the floor cleaning industry to unparalleled levels of performance.

Terrazzo surfaces are the most popular flooring for many high traffic public areas. Flexis FM is incredibly versatile. It can maintain a terrazzo surface without the need to apply many layers of coatings.

Natural Stone floors scratch and dull in areas of heavy foot traffic. Flexis FM can restore most surfaces to as good as new, removing scratches and rejuvenating the shine.

Concrete can now be maintenance polished using Flexis FM and a high speed machine or burnisher. The finish is unbelievable

The life of FLEXIS FM is exceptional. Fewer pad changes means fewer stoppages and less downtime. This also means you can obtain a more consistent finish across a larger area. With KGS knowledge and experience in diamond and resin technology we have produced a floor maintenance pad that works well under very heavy machines and at very high speeds.

The programme:

There are four pads which mean there are four steps in the process.

Step one; Flexis FM Red dot, the first pad. This will remove a thin layer from the surface (stone - concrete - terrazzo), deeply cleaning the surface, removing scratches etc.

Step two; - Flexis FM White dot, the second pad in the process can also remove slight imperfections. It is mainly used to transit from step one, removing considerable material. At this point the surface is starting to close.

Step Three Flexis FM Yellow dot, the third pad. The polishing sequence is starting with the yellow dot pad. The yellow dot pad will leave a honed finish on most surfaces. It can be used as a maintenance pad if your floor is in good condition.

Step Four Flexis FM Green dot is the fourth pad. The Green dot pad serves two functions. Firstly, used wet or dry it will finish off the four step process leaving a polish to your surface. Secondly, if used daily it will maintain and improve the polish. Flexis FM used under a high speed machine or burnisher will continue to polish the surface to a high shine. If due to high traffic you have small scratches or slight dullness appearing then use the green dot wet to restore the floor.

With Flexis FM you can work wet or dry. Please see the following pages.

Working Wet

Wet work; floor polishing machines 180 rpm to 400rpm with a weight of 40 kg minimum.
Auto Scrubber/Driers produce exceptional results.

FLEXIS FM No 1, “Red Dot” / Coarse

The Flexis FM No1 Red Dot is mainly used for removing light to medium scratches, etch marks and deeply soiled floors. It can be used to remove standard floor coatings – no stripping chemicals are needed.

When using an auto scrubber turn the water to full, set maximum down pressure on the heads, and work in a systematic way. Please note some auto scrubbers leave a noticeable gap on the floor where the pads do not meet. Make sure you cover this small area between the pads with subsequent passes.

Only cover an area you can easily control, and vacuum residue as you go. To remove scratches run the machine fitted with Red Dot over the surface 3-4 times in succession then check that the damaged areas are removed before continuing or moving to step 2

FLEXIS FM No 2, “White Dot” / Medium

The No2 White Dot is a honing pad. It can be used to deep clean and remove light scratches or repair lightly worn surfaces. Follow the same procedure as above, remembering the white dot is best used wet. White Dot also prepares the floor for the next step of polishing.

Make 2-3 passes over the floor covering the exact same area as completed with the Red Dot pad in step one then check the surface before continuing or moving to step 3. Look for an even honed scratch free finish when this stage is completed.

FLEXIS FM No 3, “Yellow Dot” / Fine

No 3, Yellow dot will start the polishing process. Please follow the same procedure as in Step Two covering the exact same areas completed in the earlier stages. Look for a silky luster to the surface when this stage is completed.

N.B.: If you are using the green dot pad every day and the floor is in good condition but is losing some luster you can use the Yellow Dot pad for one day to “Snap Back” the floor. After using the yellow dot for one day continue using the green dot every day to maintain the floor.

FLEXIS FM No 4, “Green Dot” / Very Fine

Green Dot is the final polishing pad. As part of a light restoration make 4 passes over the floor, covering the exact same area as completed with the pads in step 1, step 2 and step 3. The best polish will be achieved if this pad is used dry with the maximum head speed and pressure that can be achieved with your machine. When used everyday wet or dry the No 4 Green Dot pad will clean and maintain the floor and improve the shine.

Working Dry

Dry work; high speed with vacuum system. The FLEXIS FM pads are designed to withstand high speed without generating high heat.

Using a high speed burnishing machine it is possible to remove scratches and etch marks in many stone and terrazzo floors.

REMOVAL OF SCRATCHES AND ETCH MARKS:

FLEXIS FM No1, “Red Dot” / Coarse

- Run burnishing machine at medium speed.
- Move over the surfaces to be repaired at a slow walking pace
- Work surface in an EAST / WEST direction to the chosen stop points
- Continue working the surface for 3-4 passes

FLEXIS FM No2, “White Dot” / Medium

- Run machine at high speed
- Move over the surface at a slow walking pace
- Work surface in an EAST / WEST direction
- Continue working the surface for 2-3 passes

FLEXIS FM No3, “Yellow Dot” / Fine

- Run machine at high speed
- Move over the surface at normal walking pace
- Work surface in an EAST / WEST direction or similar
- Continue working the surface for 2-3 passes

FLEXIS FM No4, “Green Dot” / Very Fine / Step Four – diamond grit approximately 3000

- Run machine at maximum speed
- Move over the surface at normal walking pace
- Work surface in a random method
- Continue working until the required level of polish is achieved

IMPORTANT

When using Flexis FM it is important you follow a few simple guidelines.

- *Remove ALL surface sealers.) Using No1 coarse pad*
- *Remove dirt, dust and oils by cleaning first.) Using No1 coarse pad*
- ***Test in an out of the way area BEFORE beginning the full job. AN AREA THAT IS EASILY CONTROLLED.***
- *Make sure you place the pad with the colored dot facing up against the machine.*



Swiss Diamond Technology

- *Flexis FM does not require any heavy duty chemicals. Use only neutral detergent.*
- *Beware of sharp protrusions in the floor(i.e.metal strip or sharp lippage). These will strip the diamond from the pads very quickly!*