



TOR Technology and TMB ShinePad

What TMB ShinePad discs are and what they do

TMB ShinePad diamond grit abrasive fibre discs may be used to restore and maintain a wide variety of flooring types. These extremely simple to use discs will revolutionize the way you grind, polish and clean stone floors.

We recommend using these discs wet to give the floor the best shine possible, with the exception of no. 7-8 and 9 grain discs, which may also be used dry.

These discs may be used with single disc machines and scrubbing machines.

TMB ShinePad diamond grit abrasive discs may be used on cement, terrazzo, marble, stone and granite for both daily scrubbing, using no. **6** or **7** grain discs, alternating between the two if necessary, and for restoring floors and for subsequent care to maintain color and shine.

A FEW TIPS REGARDING PROCEDURES for

MARBLE – MARBLE CHIP – PALLADIANA FLOORS

Inspect the floor thoroughly to determine the severity of the damage and the size of the area to be restored. Take deep scratches and wear into account when selecting the grain size of the **TMB ShinePad** diamond grit abrasive discs to be used first. In case of differences in level between adjacent tiles, start with **TMB Insert** diamond grit abrasive inserts with metallic binder. Once a grain size of 800-1500 grit is reached, an even higher degree of gloss may be achieved by using **TMB LuxMarble** polishing dust.

This will give the surface a deep shine, accentuating colors and ensuring even greater protection for the floor. However, you may also choose to continue up to a grain size of 15000 grit without using polishing dust, to obtain a clear and extremely fine polished finish.



In individual boxes

Flexible diamond grit
abrasive pads

Available in 9 different grain sizes:
No. 1, 2, 3, 4, 5, 6, 7, 8 and 9.





Velcro pad holder
with TMB ShinePad

Restoration and maintenance
(marble with dull finish only)

- TMB ShinePad 4 - 17"
- TMB ShinePad 5 - 17"
- TMB ShinePad 6 - 17" * (*optional, for an even better finish)

- POLISH with white/natural fibre pad TMB LuxMarble POLISHING DUST

- For daily or periodic maintenance cleaning with a single disc machine or scrubbing machine, use TMB ShinePad 6 -17" or 7 – 17", alternating between the two if necessary.
- These discs may be used together with daily maintenance chemical cleaning products, but will still produce excellent results even if only used with water.
- Reduced cleaning costs,
- Less waste of chemical products
- Significant improvement in environmental impact.



Velcro pad holder
with TMB ShinePad

Normal restoration
(scored marble with dull finish)

- TMB ShinePad 2 - 17"
- TMB ShinePad 3 - 17"
- TMB ShinePad 4 - 17"
- TMB ShinePad 5 - 17"
- TMB ShinePad 6 - 17" * (*optional, for an even better finish)

- POLISH with white/natural fibre pad TMB LuxMarble POLISHING DUST

- For daily or periodic maintenance cleaning with a single disc machine or scrubbing machine, use TMB ShinePad 6 -17" or 7 – 17", alternating between the two if necessary.
- These discs may be used together with daily maintenance chemical cleaning products, but will still produce excellent results even if only used with water.
- Reduced cleaning costs,
- Less waste of chemical products
- Significant improvement in environmental impact.



Velcro pad holder with TMB ShinePad

More substantial restoration

(heavily scored marble with very small differences in level between tiles and a dull finish)



- **TMB Insert** Diamond grit metal insert, grain size **2-M Black**
- **TMB ShinePad** 1 - 17"
- **TMB ShinePad** 2 - 17"
- **TMB ShinePad** 3 - 17"
- **TMB ShinePad** 4 - 17"
- **TMB ShinePad** 5 - 17"
- **TMB ShinePad** 6 - 17"

POLISH with white/natural fibre pad

TMB LuxMarble POLISHING DUST



***for mechanical polishing only without using polishing dust, you can also use the following discs:**

- **TMB ShinePad** 7 - 17"
- **TMB ShinePad** 8 - 17"
- **TMB ShinePad** 9 - 17"

Note: Even after using the 15000 grit disc, the floor may be polished quickly with polishing dust and the white pad.

- For daily or periodic **maintenance cleaning** with a single disc machine or scrubbing machine, **use TMB ShinePad 6 -17" or 7 – 17"**, alternating between the two if necessary.
- These discs may be used together with daily maintenance chemical cleaning products, but will still produce excellent results even if only used with water.
- **Reduced cleaning costs,**
- **Less waste of chemical products**



- **Significant improvement in environmental impact.**



Major restoration

Velcro pad holder with TMB ShinePad

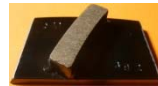
Disc with Frankfurt attachments for TMB Insert used with 3, 6 or 9 inserts of the same grain size

- (heavily scored marble with differences in level between tiles and a dull finish) Extreme case requiring very intense treatment:

- **TMB Insert** Diamond grit metal insert, grain size **0-M Yellow**
- Application of **FILLER** if necessary



- **TMB Insert** Diamond grit metal insert, grain size **2-M Black**



- **TMB ShinePad** 1 - 17"
- **TMB ShinePad** 2 - 17"
- **TMB ShinePad** 3 - 17"
- **TMB ShinePad** 4 - 17"
- **TMB ShinePad** 5 - 17"
- **TMB ShinePad** 6 - 17"

- **POLISH** with white/natural fibre pad **TMB LuxMarble POLISHING DUST**

***for mechanical polishing only without using polishing dust, you can also use the following discs:**

- **TMB ShinePad** 7 - 17"
- **TMB ShinePad** 8 - 17"
- **TMB ShinePad** 9 - 17"

Note: Even after using the 15000 grit disc, the floor may be polished quickly with polishing dust and the white pad.

- For daily or periodic **maintenance cleaning** with a single disc machine or scrubbing machine, **use TMB ShinePad 6 -17"** or **7 - 17"**, alternating between the two if necessary.



- These discs may be used together with daily maintenance chemical cleaning products, but will still produce excellent results even if only used with water.
- **Reduced cleaning costs,**
- **Less waste of chemical products**
- **Significant improvement in environmental impact.**

PROCEDURE

Usually, a floor has areas of greatest wear concentrated in certain parts of the room, while in other areas, the floor has practically remained intact despite it being rendered unrecognisable by multiple layers of wax and dirt. . Clearly, then, the characteristics of the job will vary on different parts of the floor, despite these being in the same room.

Always remember that the quality of the finished result always depends on how thoroughly and precisely the first grinding passes are performed with the initial grain sizes, as this part of the job serves to ensure that the surface of the floor is uniform.

If the floor is heavily waxed and soiled, we recommend scrubbing the floor vigorously with wax remover and the black cleaning pad before starting the grinding process.

After selecting the initial grain size, fit the disc on the machine.

Spread water on the floor before starting - never work on a dry floor - then start grinding, pushing the single disc machine slowly forwards in front of you and proceeding in parallel passes, starting from the most heavily worn parts of the floor.

When using new discs, it will be necessary to cover a couple of meters of the floor with the machine before the resin is warmed and exposes the first layer of diamond grit. Only start the actual grinding process once the grit has been exposed.

During this initial stage in the job, stop frequently, remove the water from a portion of the floor and check the results. Continue grinding until the deepest scores have been eliminated.

We recommend grinding only the most worn parts of the floor with the coarsest grain size.

After vacuuming the used water and the relative grinding residue and moving on to the next grain size, work over a larger area and continue grinding until the scoring left by the previous grain size has been eliminated.

The only certain way to check the progress of the work done is to leave a portion of the floor to dry, as the results are only visible once the floor is no longer wet. After using the final disc, vacuum all the grinding water thoroughly and rinse the floor with plenty of clean water, using the single disc machine and a non-abrasive cleaning pad (white or similar).

Final polishing process may now be performed, using conventional liquid crystallisation compound or polishing dust.



Polishes

- LIQUID CRYSTALLISATION COMPOUND FOR MARBLE:

Clean and thoroughly dry the floor. Only when the floor is perfectly dry, use a single disc machine and pad holder with disc in steel/stainless steel wool.

The steel wool disc can be replaced by a disc in natural fibre. Spray the crystallisation compound over around a square meter of the floor, and work until the surface is dry and polished. Repeat the operation, meter after meter, until the entire floor has been polished. If it is not possible to operate on a perfectly dry floor (e.g. terrazzo floors or flooring with small damp crevices), use a natural fibre disc instead of the steel wool disc, carrying out the same procedure. Replace the disc regularly with a dry one. This type of polishing is recommended to maintain the shine obtained after grinding and finishing with **TMB LuxMarble** polishing dust



- POLISHING DUST FOR MARBLE AND DERIVATIVES

TMB LuxMarble

Sprinkle a little dust on the floor, 10/15 g per square meter, and with the single disc machine equipped with the tank, the pad holder and the white pad or pad in natural fibre, work the powder into the floor, adding enough water to turn this powder into a creamy consistency, until it covers an area of the floor of around one square meter. When the cream starts to dry out, add little water at a time and continue to work for around 2/3 minutes. At this point, move the **TMB LuxMarble** powder paste to another area of the floor and repeat the operation until the entire surface of the floor has been covered. Never use the disc dry. On average, with a kilogram of polishing dust, an area of around 60/70 square meters of flooring can be polished.



-POLISHING GEL FOR MARBLE AND DERIVATIVES

TMB AM GEL Universal high shine polish

Proceed over small sections of the floor of around 1 sq.m. at a time using the single disc machine and the white disc. **TMB AM** looks like a fairly solid gelatinous compound which is light blue in color. Put 1 or 2 teaspoons of product on the area to be treated and proceed with dry buffing with the product, performing concentric movements with a single disc machine fitted with a white pad.

Continue working until the product is dry, continuing the movement with the machine to eliminate residues if necessary. To obtain greater shine or to seal the surface, repeat the application.

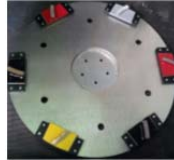
The product does not cause problems when more than one layer is overlapped, and as such, once the maximum shine has been obtained, no inconsistencies will be visible between two areas that have been polished separately.

After having polished the surface in question, rinse with water and vacuum any residue on the surface.



Complete equipment necessary for MARBLE and derivatives

- ✓ **TOR 43** Orbital single disc machine
- ✓ Electric extension cable with EU plug
- ✓ 15 l tank.
- ✓ Velcro pad holder



- ✓ Pad holder with holes for insert / tools
Holder may be fitted with 3, 6 or 9 diamond grit inserts for marble or cement

- ✓ Velcro **splash guard**
- ✓ **TMB Wet&dry vacuum cleaner**

- ✓ **TMB Insert** Diamond grit metal insert, grain size **0-M Yellow**



- ✓ **TMB Insert** Diamond grit metal insert, grain size **2-M Black**



Description diameter	Grain size	Disc diameter
-------------------------	------------	------------------

- | | | |
|-----------------------|-------------|--|
| ✓ TMB ShinePad | Gr. 1 - 17" | |
| ✓ TMB ShinePad | Gr. 2 - 17" | |
| ✓ TMB ShinePad | Gr. 3 - 17" | |
| ✓ TMB ShinePad | Gr. 4 - 17" | |
| ✓ TMB ShinePad | Gr. 5 - 17" | |
| ✓ TMB ShinePad | Gr. 6 - 17" | |
| ✓ TMB ShinePad | Gr. 7 - 17" | |
| ✓ TMB ShinePad | Gr. 8 - 17" | |
| ✓ TMB ShinePad | Gr. 9 - 17" | |

Application

- | |
|--|
| Heavy duty grinding |
| Grinding |
| Regrinding and finishing |
| Regrinding and finishing |
| Finishing and polishing |
| Polishing and daily cleaning (scrubbing) |
| Polishing and daily cleaning (scrubbing) |
| Polishing and daily cleaning (scrubbing) |
| Polishing |

- ✓ **TMB LuxMarble** Polishing dust for marble and derivatives.



- ✓ **TMB AM GEL** Universal high shine polish



- ✓ **17" white / natural fibre pad** for polishing dust and liquid crystallisation compound.



GLOSSARY

DESCRIPTION OF OPERATIONS

GRINDING

- **Roughing:** *New flooring to be ground, old flooring constructed from tiles that are already polished, old flooring which requires significant work.*
- *Roughing of first-lay flooring is carried out using diamond grit tools with metallic binder.*

REGRINDING

- **Restoring:** *Flooring that has been ground in previous operations, with small uneven areas (difference in height between tiles), deep grooves, worn and dull areas.*

RE-POLISH

- **Restoring the shine:** *to flooring that has been ground in previous operations featuring light scratches, or which has simply become dull with time and wear.*

POLISH

- **Polishing:** *Final operation to be carried out at the end of one of the three operations indicated above, if a mechanical polish is not desired, without the use of chemical products. Performed with white disc or disc in natural fibre, water and polishing dust, or with liquid crystallisation compound and steel wool or disc in natural fibre. The final polish can also be obtained mechanically by using all of the disc grain sizes available, right up to the finest of these.*