



TOR Technology - CEMENT



INDUSTRIAL-QUARTZ-RESINATE CEMENT



INDUSTRIAL-QUARTZ-RESINATE CEMENT

TOR43 is an innovative single disc machine that is particularly suitable for heavy duty cleaning tasks. The machine uses an orbital movement which increases productivity compared with a traditional single disc machine. By using high frequency oscillations, this machine offers excellent stability and manoeuvrability, despite a total weight of 65 kg, (not including accessories). When working with water, the TOR43 enables considerable savings as the water is constantly held within the disc area by the orbital movement, and is not dispersed. In addition, the distinctive orbital movement makes it very easy for any operator to use the TOR43 machine, reducing training times and eliminating the need for any particular degree of physical strength.

The low current absorption of this machine means that it can even be used together with a vacuum cleaner, with both appliances powered by standard mains voltage.

TOR 43 enables several operations to be performed using the same machine, simply by changing the accessories.

**SCRUBS, POLISHES, DE-WAXES, ROUGHS, REFINISHES, GRINDS AND RESTORES
WAXES, PVC, LINOLEUM, MARBLE, GRANITE, TERRAZZO, CERAMIC, EARTHENWARE,
CEMENT,
PARQUET AND CARPET FLOORS.**

A FEW TIPS REGARDING PROCEDURES FOR RESTORING FLOORING IN INDUSTRIAL-QUARTZ-RESINATE CEMENT

Inspect the floor thoroughly to determine the finish that it had originally, the extent of the damage and the size of the area to be restored. Take deep scratches and wear into account when selecting the accessory to be used and the grain size of the diamond grit abrasive tools to be used first. In extreme cases, use metallic diamond grit inserts.

- TMB INSERT GR.0 C GREY (raw or very uneven cement)
- TMB INSERT GR.1 C RED (damaged and worn cement)
- TMB INSERT GR.2 C BLACK (damaged and worn cement)

Once the last metallic grain size has been used, it is best to apply a consolidator product, such as **TMB CONSOLIDATOR** and start again with the **TMB ShinePad** number **4-17"- 5** and **6**.

Using the white disc on a dry floor, apply **TMB GQ**. This is a protective product which serves to further close the pores of the cement, and works as an anti-dust non-slip polish.

Please refer to the **TMB GQ** technical data sheet for correct application.

In the case of cement flooring with little damage, or which is dirty and marked, the **TMB ShinePad** discs can be used directly, starting with a grain size which can remove the marks identified and proceeding until the desired finish is achieved. Mechanical polishing can also be performed by proceeding up until disc 8 or even 9. Pay attention because the cement will be highly polished but also very slippery.



It is essential to use the **TMB GQ** non-slip polish with the white pad.

Restoration and maintenance of resinate cement-quartz cement

(dirty and with a dull finish)

- **Pad holder** with **TMB ShinePad 5 and 6** with water.
- Where more prominent marks are present, start with the **TMB ShinePad 4**, apply the **TMB CONSOLIDATOR** product and then continue with **5 and 6** with water.
- On a dry floor, with the pad holder and white pad, apply the **TMB GQ** non-slip polish.



PAD HOLDER



TMB ShinePad DIAMOND GRIT ABRASIVE PADS



CONSOLIDATOR FOR CEMENT
TMB CONSOLIDATOR



TMB GQ POLISH
NON-SLIP PROTECTOR



Scratching flooring and removal of glues, varnishes and resins

Thanks to its versatility and the many accessories available, TOR 43 can be used to scratch flooring and remove layers of glue and rubber mousse, as well as residues from old carpet flooring. It also removes varnishes and glues.

The machine can work on a dry floor or with water. When working on a dry floor, the vacuum unit can be fitted onto the handle. For greater working autonomy without adding to the machine bulk, the base is equipped with a hole via which a flexible hose (where necessary, a very long one) can be connected to a walk-behind vacuum cleaner.

- **SCRATCHING OF MARBLE, GRANITE, CERAMIC AND MAJOR REMOVAL OPERATIONS ON CEMENT** use:

- **Resin disc with metal insert holder**
TMB INSERT GR.0 C GREY coarse grain size - heavy-duty operations
 (use 3 pcs. or 6 pcs. of the same color)

for lighter operations, start with finer grain sizes

- **TMB INSERT GR.1 C RED** medium grain
- **TMB INSERT GR.2 C BLACK** fine grain

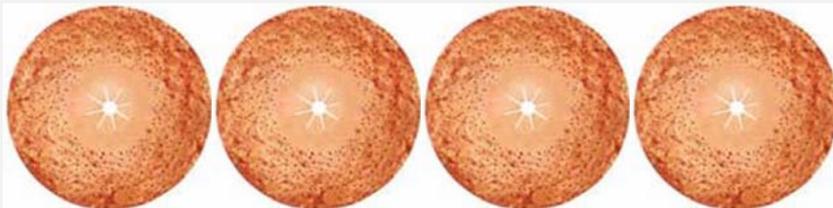




- **REMOVAL OF GLUES, RUBBER MOUSSES, VARNISHES OR RESINS** use:
- *Pad holder for abrasive discs with:*
- **TUNGSTEN CARBIDE METAL DISC**, available in grain sizes:
- Ø 400 GR.10
- Ø 400 GR.14
- Ø 400 GR.24
- Ø 400 GR.36
- Only use on dry flooring with the vacuum unit.

PAD HOLDER FOR ABRASIVE
AND METALLIC DISCS

METAL DISCS IN TUNGSTEN CARBIDE



Gr.10

Gr.14

Gr.24

Gr.36





CEMENT REGRINDING 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 products 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 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 covered with many layers of product and dirt, 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 and 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, along with other damage - care should be taken to memorize these areas so that they can be subsequently verified.

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).

At this point, proceed with the finishing operation with the selected product. Leaving the surface "naked" but polished and smooth is not suitable as it will be slippery and unprotected, and as such will not last very long.

Complete equipment for CEMENT



- **TOR 43** Orbital single disc machine
- Electric extension cable with EU plug
- 15 l tank.
- Velcro pad holder
- Pad holder for abrasive discs
- Powder vacuum unit
- TMB **Wet&dry** vacuum cleaners

- Pad holder with **Frankfurt attachments for metallic TMB INSERT**
- ✓ **TMB INSERT GR.0 C GREY** 3/6 pcs.
- ✓ **TMB INSERT GR.1 C RED** 3/6 pcs.
- ✓ **TMB INSERT GR.2 C BLACK** 3/6 pcs.
- ✓ **TMB CONSOLIDATOR - Liquid consolidator for cement, 5 L.**

- **Flexible diamond grit abrasive pads**
- ✓ **TMB SHINEPAD 1 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 2 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 3 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 4 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 5 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 6 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 7 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 8 - 17"** 1 PC PACK
- ✓ **TMB SHINEPAD 9 - 17"** 1 PC PACK
- ✓ **TMB GQ protective anti-dust non-slip polish** 1 kg

- **TUNGSTEN CARBIDE METAL DISC**, available in grain sizes:
 - ✓ **Ø 400 GR.10-14-24-36**