

DIAMOND GRINDING & POLISHING

Teqsmooth & Teqgloss & Teqtterazzo



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Most companies today are well aware of how much of their operating costs are tied to their floors — both through maintenance and through cleaning and wear on machinery. A poor tile or concrete floor with joints, seams and numerous repairs will always be a source of inconvenience, both for the employee working on the floor and for the business owner.

So why not consider a polished, jointless and long-lasting concrete floor?

Ground and polished floors provide a significant upgrade

Teqton specializes in high-quality, jointless concrete floors that deliver a completely different end result compared to traditional concrete flooring. As an additional finish on Teqton's jointless concrete floors, various types of grinding and polishing can be applied. This allows the final surface to be tailored to specific needs - ranging from trowelled to ground and all the way to high-gloss polished finishes that, similar to terrazzo floors, can be used in showrooms and similar environments.

With a jointless Teqton concrete floor, the entire production area is elevated from the traditional saw-cut concrete floor to a more efficient, quiet and maintenance-friendly level.

Options for ground and polished concrete floors

Teqton's delivery program includes the following:

- Wearing courses for heavy industry, manufacturing and warehouse buildings
- Floors for light industry, transport centers, retail environments and floor renovations aimed at noise reduction, improved elasticity and high wear resistance
- Diamond-ground floors with matte or high-gloss finishes, offering excellent cleanability
- Floors for ESD protection (ElectroStatic Discharge), i.e., electrostatically dissipative floors
- Consulting and supply of epoxy, acrylic and PU coatings

What is ESD, and how do you protect against it?

ESD floors, also known as electrostatic-dissipative floors, are specially designed industrial flooring systems that help prevent damage caused by electrostatic discharge. These floors provide a controlled pathway for electrical dissipation, protecting sensitive electronics and equipment that can be damaged by ESD.

Electrostatic discharge (ESD) is a sudden flow of electricity between two objects, which can occur through contact, short-circuiting or dielectric breakdown. ESD can damage electronic and electrical equipment and can create hazardous sparks - especially in environments with flammable substances.

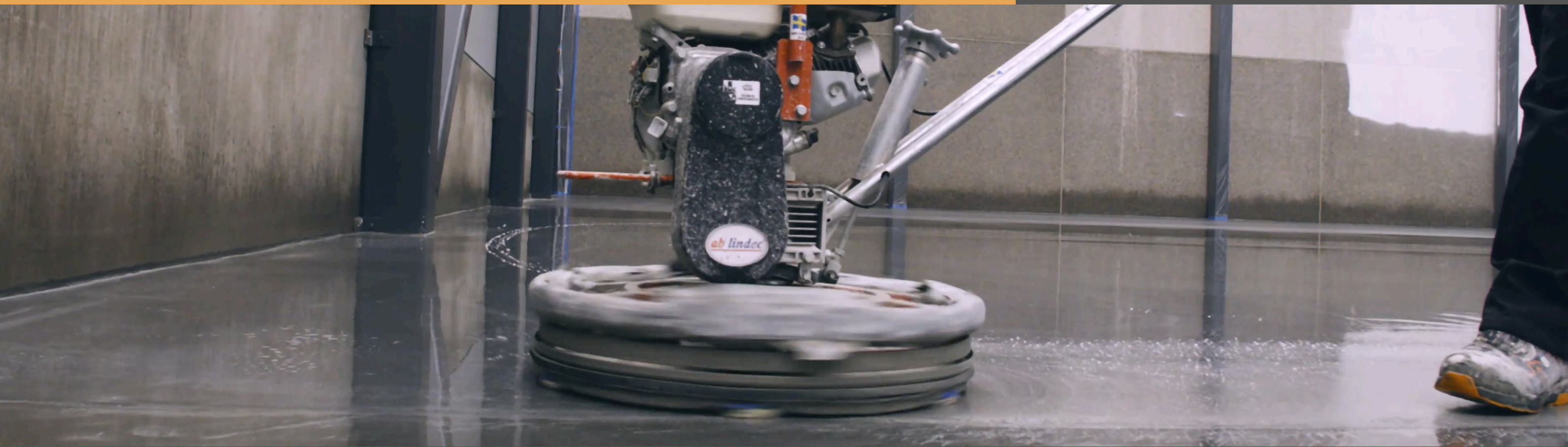
There are several ways to protect against ESD, and one of the most effective is to adapt the flooring system. The Teqplan floor system safely dissipates static electricity to ground, preventing the build-up of electrical charges that may otherwise cause discharges.

You are welcome to contact us for further information

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Teqsmooth & Teqgloss



TEQSMOOTH & TEQGLOSS

An industrial floor must be easy to clean and dust-free, and it must reflect light in a comfortable way. It must also be jointless, level and capable of withstanding high loads. Teqsmooth and Teqgloss meet all of these requirements.

From Teqplan to Teqsmooth / Teqgloss

During the post-treatment process, Teqplan undergoes a thorough, step-by-step surface refinement using specially developed grinding tools. Teqsmooth is ground in 4 stages, and Teqgloss in 7 stages, resulting in either a matte or glossy finish depending on the number of grinding steps. The process increases the floor's density and cleanability and further enhances its already strong resistance to liquids and soiling.

The post-treatment combines both wet and dry grinding. In the initial steps, potassium silicate is used, penetrating deeply into the concrete and reacting chemically with the surface. This creates an extremely dense and highly wear-resistant floor finish.

Advantage

A floor that has been ground to Teqsmooth/Teqgloss is very easy to clean. All that is required is water and diamond pads. Cleaning pads with millions of microscopic diamonds clean and polish the concrete surface without the use of chemicals.

Stain protection

As an optional add-on, a deep-penetrating stain protection treatment is available. It is a durable, chemically resistant, high-gloss protective impregnation that increases the floor's resistance to stains. It also helps create a grease- and oil-repellent surface.

Properties

- Good working environment
- Easy to clean
- Environmentally friendly
- Joint-free
- Level
- Durable
- Withstands high loads

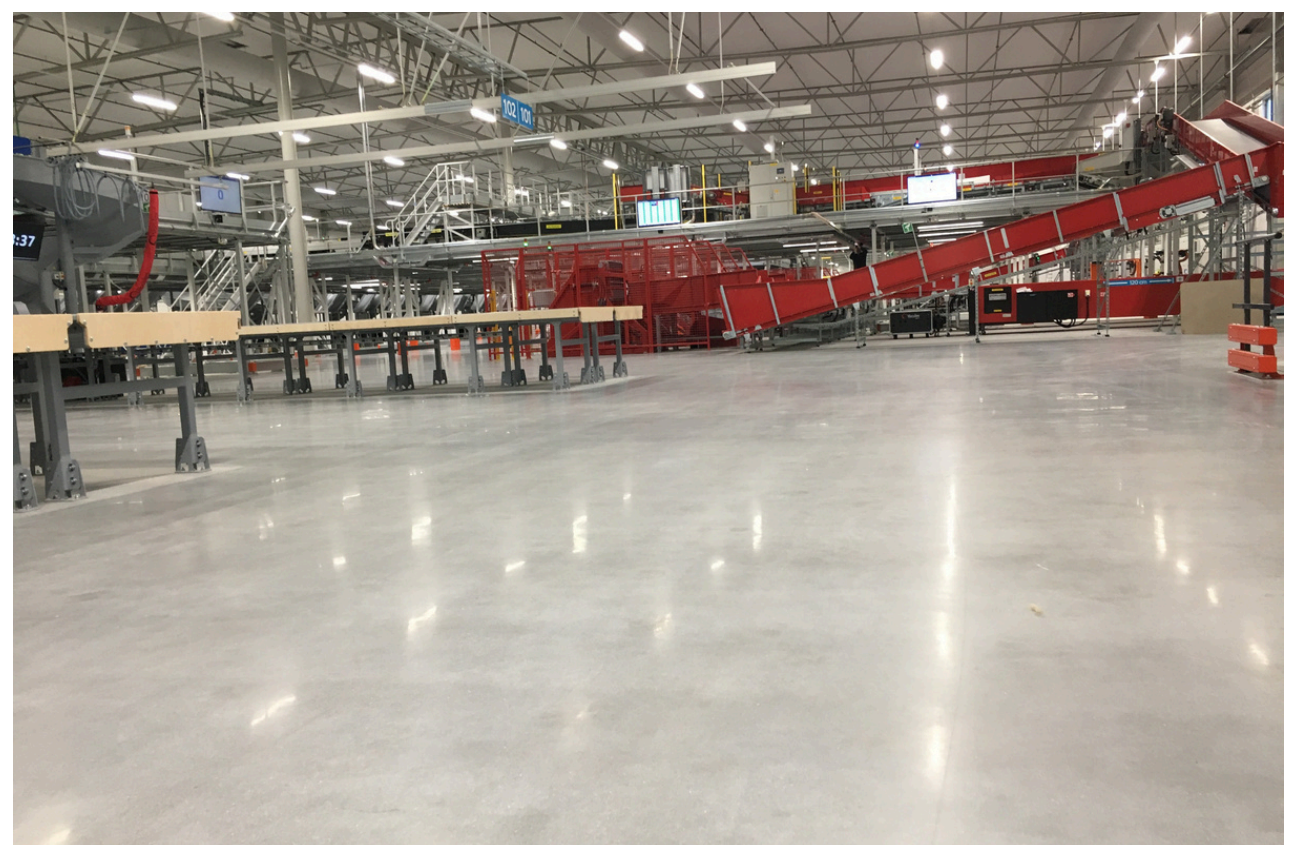
Areas of application

Teqsmooth and Teqgloss are ideal for areas that must withstand heavy loads, such as logistics and industrial halls. They are also well-suited for commercial buildings and retail spaces.

TEQSMOOTH



TEQGLOSS



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Teqtterazzo



TEQTERRAZZO

Increasing demands are being placed on industrial floors. The floors must withstand high mechanical and chemical exposure while also being easy to clean and maintain. Teqtterazzo meets all of these requirements and is therefore a strong alternative to traditional concrete floors.

Areas of application

Teqtterazzo is highly suitable for areas exposed to heavy loads, such as grocery stores, DIY stores, exhibition halls, industrial buildings, logistics centers, the food industry and other commercial facilities. You are welcome to contact us for further information and guidance regarding your specific needs and requirements for a new — or renovated — floor.

From Teqplan to Teqtterazzo

The foundation for a perfect Teqtterazzo floor is our Teqplan wearing course, which is installed first. The Teqtterazzo surface treatment is then carried out step by step using various grinding and polishing stages with specially developed tools. In addition to achieving an attractive finish through grinding, Teqtterazzo retains all the strong performance characteristics of Teqplan. For both new construction and renovation projects, it is functional and cost-effective.

Teqtterazzo is also well-suited for the renovation of old concrete floors. Even heavily soiled floors can be restored to a like-new appearance using this method.

Teqtterazzo

The impregnation enhances the performance benefits of Teqtterazzo by providing the floor with optimal surface protection and an attractive gloss, while also improving ease of cleaning. The floor is approved for use in the food industry, is moisture-transmitting and offers inherent acid resistance.

Advantage

Renovation can be carried out while the facility remains in operation and production continues, as the grinding process is chemical-free, odorless and performed without dust or smoke nuisance.

Properties

- Aesthetic finish
- Non-slip
- Seamless
- Level
- Durable
- Withstands high loads
- Easy to clean
- Low cost

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