



HTC Superfloor™ Bronze

HTC Superfloor™ is available as four different concepts: Platinum, Gold, Silver and Bronze. For **HTC Superfloor™ Bronze** the following special requirements apply for concrete surfaces that are to be given a final finish by polishing according to the HTC Superfloor™ concept.

CASTING

To achieve an optimum aesthetic finish on the floor, the casting is of the greatest importance. It is not possible to give a poorly cast floor a HTC Superfloor™ Bronze finish. Poor means uneven, porous, rain damaged etc.

The appearance of a HTC Superfloor™ Bronze finish is totally dependent on the concrete's appearance. Colour differences in the surface are to be expected.

- 1: Work the surface using a power float equipped with a surface plate. (To achieve a surface as pore-free and level as possible, thorough power floating is required)
- 2: The surface is heavily power troweled to obtain as hard a surface as possible.
- 3: Normally, the concrete surface should be water hardened under plastic sheeting for 5-7 days after casting, before it is time to start grinding.
- 4: If the finished floor is to fulfil class A according to Hus AMA 98, table 43 DC/-1, (SS-EN 1992-1-1:2005/AC:2008) the floor must fulfil identical requirements before the HTC Superfloor™ method commences. The same also applies for class B floors. If the above has not been achieved during casting, and this is a requirement, the Bronze concept is not possible, because more vigorous grinding will be needed.

GRINDING PROCESS

The 3-4 polishing steps are intended to make the concrete skin glossy.

After the final polishing step, the floor is cleaned with a scrubbing machine and Twister™ Green and Twister™ Floor Conditioner, mixed in water in accordance with the dosing instructions. There is also the possibility to high-speed polish the surface dry with Twister™ Green, if ordered by the customer.

(Alternative to the last instruction, if increased protection against liquids penetrating the floor is required: After the final polishing step, the concrete surface is treated with HTC Stain Protection Pore Primer.) This must be ordered as extra additional work.