



## TENDER SPECIFICATIONS - grinding technique GRANIDUR 05 and GRANIDUR 08

- page 1 -

### Item x.0 Grinding

Grinding of a KORODUR GRANIDUR 05 and GRANIDUR 08 design floor in several coordinated grinding steps for the production of a terrazzo type grain structure in the following grinding grades:

- |                         |                         |
|-------------------------|-------------------------|
| 1.) KGC 00              | 2.) KGC 0               |
| 3.) KGC 1               | 4.) TITAN Barracuda K 2 |
| 5.) TITAN Barracuda K 3 |                         |

Standard execution is the wet-grinding procedure. Depending on the age of the floor, however, individual grinding steps can be carried out in dry grinding procedure. With the rough grinding step, the top-size grain should be ground open to its maximum cross section over the whole area. In the following fine grinding step (K4) no more traces from the grinding Terrazzo 00 or Terrazzo 0 must be visible. Joint profiles and separation rails have to be ground uniformly. All edging areas and wall connections have to be ground by manually operated grinding or edge grinding machines in both dry and wet grinding procedure up to grinding grade K 4, thereby avoiding any changeover marks. Vacuum off any grinding dusts which may occur during the dry grinding procedure. After the dry grinding procedure and between the individual wet grinding procedures the surface has to be cleaned thoroughly with water. For final cleaning use the MKS basic cleaner, acid-free, according to the application instructions.

Wall areas and connections to building parts have to be protected with suitable foils up to a height of approx. 50 cm. Open joint areas have to be protected against penetrating water. Disposal of the occurred grinding slurry to be provided on job-site.

Euro ...../m<sup>2</sup>

### Item x.1 Grouting

After Terrazzo 00 or Terrazzo 0 grinding, the KORODUR GRANIDUR 05 and GRANIDUR 08 design floor is grouted to fill rough and fine pores with a grout which is qualified for grinding/polishing. If required, the grout can be coloured according to the colour of the SECUNDUR design floor. Please refer to the relevant product information when using it on the previously cleaned screed.

Product ...

Euro ...../m<sup>2</sup>

### Item x.2 Stain protection treatment

Application of a fluorine silane with high contents of solid substance and high penetration ability with negligible effect to the steam diffusion to achieve a durably improved cleaning character and a reduction of greasy, oily or watery contamination. The product is applied after finish of the grinding works and can be applied on surfaces which have been modified acc. to item x.4.

Application including all necessary working steps – see product information.

Product: MKS<sup>®</sup> THILOS thin liquid or MKS<sup>®</sup> THILOS AQUA.

Euro ...../m<sup>2</sup>

### Item. x.3 First maintenance

First maintenance of previously ground hard aggregate screeds to achieve easy cleaning and to support the water-repellent surface function.

Product: MKS<sup>®</sup> GLOSSPROFI 1905

Euro..... /m<sup>2</sup>



## TENDER SPECIFICATIONS - grinding technique SECUNDUR

- page 2 -

### Item x.4 **optional**

Surface modification of the KORODUR GRANIUR 05 and GRANIDUR 08 design floor acc. to KGC1 with a mixed silicate on sodium basis with high content of solid substance for additional compaction of the fine pore-structure by formation of stable calcium-silicate compounds.

All required working steps acc. to product information included.

Product: MKS® BETODUR dreimix or KOROMINERAL.

Euro ...../m<sup>2</sup>

### Item x.5 **optional**

Polishing of the previously with TITAN Barracuda K 3 ground KORODUR GRANIUR 05 and GRANIDUR 08 design floor in wet grinding procedure to achieve a high-gloss surface in the following grinding grades:

6.) TITAN Barracuda K 4

7.) TITAN Barracuda K 5

The descriptions of item x.0 refer analogously.

Euro ...../m<sup>2</sup>

### Supplier

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