

Technical Data Sheet
Article No. 6360 - 6369

Floormix DQ

3 component decorative quartz epoxy screed

Range of use

Floormix DQ is a versatile heavy duty epoxy screed system produced by combining graded colour coated aggregate with epoxy binder.

Floormix DQ is a special grade within the proven Floormix range that has extensive use in the Food, Custody, Engineering, Healthcare, Automotive, Chemical and Retail Markets.

It is laid as a (10:1) mix screed which is grouted and sealed in a conventional manner.

It produces an extremely good looking, tough, impact resistant floor finish. The colour stability is vastly superior to polyurethane concrete screed as is the ability to create seamless coverings at wall / floor junctions.

Shrinkage is negligible which reduces the need to cut a network of retaining grooves and chases, which reduces vibration risk to operatives as well as noise.

Characteristic data of the product

Product base:	Epoxy with colour quartz filler
UV stability:	Very good
Density:	approx. 1.9 g/cm ³
Compressive strength:	> 50 N/mm ²
Chemical resistance:	Excellent

Range of use:

- Hospitals
- Workshops
- Food production areas
- Wet areas
- Engineering shops
- Production halls
- Assembly lines
- Tooling areas
- Laboratories
- Kitchens
- Shops and retail areas
- Prisons
- Police Cells
- Custody Areas
- Showrooms
- Animal holding areas
- General industrial areas

Range of use:

- Epoxy ST100 primer
- Epoxy ST100 binder blended with Floormix DQ aggregate
- Grout coat Epoxy UV100TX
- Matt seal (optional – varies)

Substrates:

All surfaces should be correctly prepared using appropriate mechanical equipment (or chemical etching) to suit the intended use. Ensure the removal of all contaminants and laitance and that the surface complies with the requirements for the specific primer selected.

Working directions:

The primer, selected according to the environment, usually Epoxy ST100, is applied to the substrate in accordance with the technical data sheet for the primer. Broadcast the primer (60%) with Ceramix 12 to provide a mechanical key and allow to cure.

Blend the resin and hardener of the selected binder and mix thoroughly with a mechanical low speed stirrer for 3 minutes. Transfer to a mixing vessel and blend with the aggregate component in a

forced action mixer for 3 minutes to achieve an even homogenous mix.

Apply the mortar to the primed floor, screed or rule off to the required level and compact evenly with a float. Then trowel to a smooth, regular surface.

Grouting of the surface is usually performed using Epoxy UV100TX (normally in one coat). However, it is vital that the screed is fully and completely grouted ensuring that there are no open areas – this is particularly important in wet areas. In such areas consideration should be given to applying two grout coats. The consumption of the grout coat will vary depending upon the colour of Floormix DQ selected – see specification guide for additional information. The screed is then sealed using a suitable seal coat(s). The nature of which is defined by the environment, including such considerations as slip resistance.

General notes:

Surface loading time varies with the selected binder.

It is important to regularly clean the edge of the steel trowel when laying the Floormix DQ screed to avoid the accommodation of fines and thus potential aesthetic imperfections in the screed.

Tools and cleaning:

Clean any spilled/splashed material and tools while fresh with thinner V101 taking the appropriate PPE precautions.

Reacted material can only be mechanically removed.

Packaging, application rate and storing:

Packaging:

Floormix DQ 25kg

Resin binder (i.e Epoxy ST100, ESC100) 2.5kg

Application rate: 7-8 kg/m²

Shelf-life: At least one year in unopened, original containers stored cool but frost-free.

Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet



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