

## Mondéco ESD TZ, 28kg

### Product sheet

#### Product description

Mondéco ESD TZ, 28kg is a 4-component, solvent-free, polyurethane concrete screed product. Contains Polygiene, an antimicrobial additive based on silver ion technology.

#### Uses

Mondéco ESD TZ, 28kg is used to provide a hard wearing, decorative, seamless, anti-static floor that is compliant with EN 61340. It is ideal for pharmaceutical, food and chemical process areas where the floor is subjected to hot fluid spillages, steam cleaning, heavy traffic, impact and chemical attack.

#### Environment & Health

Mondéco ESD TZ, 28kg is a solvent free product. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components.

#### Ratio of components

The product is supplied as A+B+C+D.

**Do not** split the compounds/components as this may jeopardise the end result.

Stir Base A to re-disperse and settlement during transport or storage. Pour all of the Base A and Hardener B into a clean, dry mixing bucket which is at least twice the volume of the combined liquids. Mix with a slow speed drill and helical spinner for 20-30 seconds until homogenous. Add the Filler D (fibres) to the container and mix for 1 minute to ensure that all the fibres are evenly dispersed within the liquid.

Add the Filler C component into a suitably sized forced action mixer (e.g. CFE Creteangle for 30kg mix size). Add all of the liquid mixture to the mixer and mix for **1 minute**, ensuring that all fillers and resins are scraped into the mix from the sides of the mixing vessel (otherwise bubbles/blisters can develop in the applied floor).

**The mixing time is critical** to ensure that a homogenous mix is obtained without breaking the conductive fibres and rendering the product non-conductive.

#### Application temperature

The recommended material and substrate temperature is 15 - 25°C, but no less than 10°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24hrs after application.

#### Application time/pot life

Ready-mixed product should be used within 10 minutes at a temperature of 20°C.

At higher temperatures (and if left in the bucket) the application time is shorter.

**Curing time** (at 20°C)

Can be walked on after 16 hours.

Can be ground after 24 hours (48 hours is preferable).

Maximum overcoat time 24 hours.

Heavy traffic after 48 hours.

The product is fully hardened after 3-5 days.

**Do not** cover or wash within the first 36 hours of curing.

**Colours**

See the system data sheet for Mondéco ESD TZ.

**Solids content**

Approx. 97 %

**Density**

Component A approx. 1.0 kg/litre.

Component B approx. 1.25 kg/litre.

Component C approx. 2.3 kg/litre.

A+B+C approx. 2.1 kg/l.

**Storage**

Storage temperature between 5°C and 40°C. Protect from frost.

12 months in unopened pack for Components A and B.

6 months in unopened pack for Component C.

Protect from weather and moisture/contaminant ingress.

**Packaging**

The product is delivered A+B+C+D in the following packs.

Unit	Base A	Hardener B	Filler C	Filler D
28 kg (13.3 litres)	2.8 kg	2.2 kg	23 kg	0.05 kg

**Antimicrobial**

Active substance: Silver biocide

Tested: ISO 22196/JIS Z2801.

*Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.*