



✓ CALCIN-TECH™ FS trays

Boost your calcination process



CALCIN-TECH FS tray

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CALCIN-TECH is the Vesuvius brand of technical solutions developed for powder calcination. CALCIN-TECH FS tray is made of high purity fused silica for heat treatment at temperature up to 1150° C. The product is particularly suited for processing of various powders such as rare earths, precious metals, refractory metals, pigments and phosphor.

CALCIN-TECH FS tray benefits

- **Higher cycling rate**

Unique fused silica material enables repeated strong thermal cycling through excellent resistance to thermal shock.

- **Strong resistance to breakage in operations**

Whether your process is robotic or manual to load and to pour your powders, the high mechanical resistance of the part avoids breakage and makes its lifetime longer, compared to other materials.

- **No powder contamination**

The selection of dedicated raw material and the high resistance of fused silica material to chemical corrosion matches the strong purity requirements in some applications.

- **Energy savings**

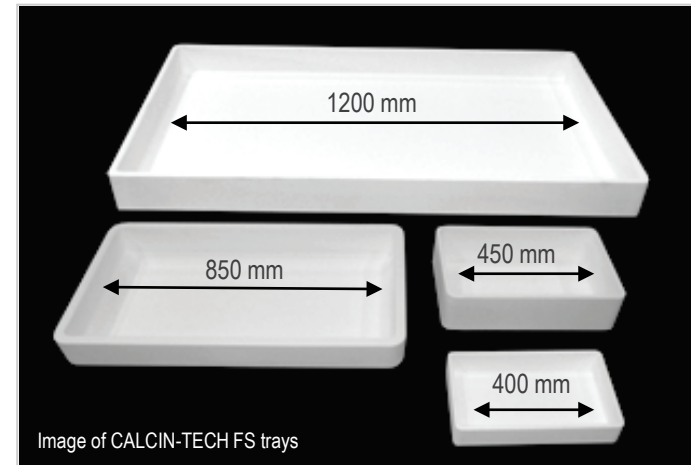
CALCIN-TECH Fused silica trays with its low specific heat capacity consume less energy to reach furnace temperature than other products made by e.g. cordierite.

- **No process interruption**

Precise bottom flatness ensures tray stability on all conveying systems.

Optimized solution to fit your application

Vesuvius can customize the tray to fit your application. Vesuvius manufactures traditional trays from 250 to 600 mm and has developed a unique process to provide extra-large trays up to 1200 mm. Operating with large trays enables you to increase powder loading and furnace productivity, while avoiding powder spillage on the conveying system.



Where to find CALCIN-TECH FS products ?

Website: www.vesuvius.com

Contact us: www.zyrock.com