

Product Data Sheet:

hydroflow Terrazzo Kit Water Based Casting Compound



hydroflow Terrazzo Kit is a water based casting compound that comes in two components - a mineral powder and a water based acrylic binder.

- Water based & environmentally friendly
- Perfect for terrazzo coasters, platters, vases, planters, soap dishes and many other items
- Ideal for creating ceramics & textured art pieces
- No harsh chemicals, odourless and VOC-free
- Easily pigmented using resi-TINT pigments
- Everything you need in a handy 1.75kg kit

An eco-friendly solution to create functional & decorative items with a terrazzo appearance.

Adding Colour: - Use any water based pigment e.g. resi-TINT acrylic inks, acrylic paints, or powdered tempera paints.

Any solid can be added such as sand, mica, quartzite, dried shards of hydroflow.

Making the shards: - Mix and pigment the hydroflow as shown on the right and then spread thinly on a sheet of plastic / aluminium foil / cling film. Allow to dry then peel and crush by hand into the desired size and shape.

Adding the shards: - Only add the shards into the mixture just before pouring.

Mixing & Application

When using the whole kit

Add colour to the hydroflow activator fluid before adding the powder. Add small amounts at a time and mix in stages until you have achieved a lump free consistency. Immediately pour into your mould and agitate to clear trapped air bubbles. The terrazzo version is slightly thicker than the standard version, however the viscosity can be lowered by adding 5-10% water as you mix.

When only using part of the kit

Pour the desired amount of hydroflow activator fluid into your mixing container. Add colour to the hydroflow activator fluid before adding the powder. Add 2.5 times the amount of powder to the fluid activator e.g. if you started with 100ml (100g) activator fluid then you should add 250g powder. 2.5 : 1 is the default mixing ratio, but this is not set in stone. You can adapt the ratio with less or more powder to obtain a thinner or thicker consistency to suit the individual application. Pot life is 10-20 minutes at 23°C

Once you have mixed to a creamy consistency you can top up the pigment addition to achieve a stronger colour shade. Add the terrazzo shards, immediately pour into your mould and agitate to clear trapped air bubbles. Allow to harden for 1 hour. The mould will feel warm, this is normal.

Drying, de-moulding & sanding

Allow 1 hour before de-moulding and 12 hours before sanding. Use a fine-medium grade sandpaper to expose the terrazzo shards, wet & dry sanding is particularly effective. Flush with clean water to remove dust.