

Product Data Sheet:

AQUA CAST® **TEXTURE**

WATER ACTIVATED CASTING COMPOUND

1.5kg, 5kg & 20kg kits

Stone Colour

Aqua Cast® **TEXTURE is an eco-friendly, water activated cementitious casting/moulding material. It is polymer fortified to provide excellent cured strength and durability. The product offers the options of a smooth or textured surface finish.**

Aqua Cast® **TEXTURE** is designed for pouring into silicone moulds. It is 100% compatible with the standard Aqua Cast® product, the two grades can be used in combination.

Simply add to water, mix and pour. Pigments should be added at the mixing stage (enquire with Eli-Chem directly for the recommended pigments).

- Environmentally friendly
- Perfect for coasters, ornamental vases, planters, candle holders, soap dishes and detailed figurines etc.
- Ideal for ceramics & textured art pieces
- Can be used to create terrazzo pieces
- Excellent reproduction of detail
- High surface hardness and strength
- Smooth, impact resistant surface or gritty/sandy surface finish.
- High degree of weather resistance for external applications

Guide mix ratio of powder to water is 100:20 (5:1) by weight only e.g. 100g powder and 20g (20ml) water. The above is a guide ratio only, it can be changed to alter the desired viscosity and tailored to application.

HOW TO USE IT:

Adding Colour: Use Eli-Chem dry powder pigments. Any solid can be added (sand, mica, quartzite, dried shards of Aqua Cast® etc) but only in small amounts. Excess solids addition weakens the cured strength and can result in the article breaking when being demoulded.

Mixing & Application: The desired viscosity and consistency can be controlled to suit the application. Alterations to the guide powder to water ratio will affect the cured performance e.g. drying time and ultimate strength.

Measure the desired amount of water, add the corresponding quantity of powder gradually during mixing. For example:

100g powder to 20g/20ml water
150g powder to 30g/30ml water
500g powder to 100g/100ml water

Mix Aqua Cast® **TEXTURE** by hand or with an electric mixing blade for 2-4 minutes until uniform and smooth. Add pigments at the mixing stage to obtain the desired colour shade. The mixed solution will rapidly become creamy and lump free. Tap mixing vessel to assist air release, pour and allow to settle.

Any residual bubbles can be popped by agitating or tapping the mould. Allow to harden for 2-3 hours before demoulding. Allow to dry for 24-48 hours to reach optimum cured strength.

To obtain a rough/textured finish simply sand the surface with a coarse grade sandpaper or abrasive pad (40, 80, 100 or 120 grit). Wet sanding is particularly effective.

Pot Life: 10-15mins @23°C.

Shelf Life: Indefinite when kept 100% dry in storage.

Storage: Avoid storing in external conditions or in areas subject to damp.

To help protect Aqua Cast® **TEXTURE** during storage, open or part used kits should be carefully closed and sealed after each use. For water resistance please see our range of Hydroflow sealers.