



Technical Data Sheet

Ecrylimer Creator

Acrylic Polymer Mineral Resin Composite System

Water-mixable 2 component eco casting rapid set compound for casting, laminating, tooling, mould making - suitable for bulk applications and commercial use. Free from solvents, VOCs, biocides, ammonia, formaldehyde, crystalline silica and titanium dioxide.

Physical Properties:

Appearance: White Liquid & White Powder

Mix Ratio :2.5 parts powder : 1 part liquid (by weight; liquid = 80% water, 20% Ecrylimner Pro Liquid

Working Time: 9–15 minutes

Demould: 35–40 mins (surface), 50–60 mins (enclosed molds)

Heat Resistance :Non flammable - Tested at up to 2000 °C (LPG torch), will glow/discolour but not burn

Sandable/Machinable: Yes

Mixing Instructions:

1. Weigh 80% of required liquid as water, 20% as Pro Liquid (Acrylic Polymer).
2. Combine liquids for total "1 part." - let settle for 10mins to release bubbles
3. Add 2.5 parts Ecrylimer Creator powder by weight.
4. Mix by hand (1 min) or mechanical (30 sec) to smooth consistency.
5. Allow bubbles to rise for 1 mins before pouring.
6. Pigments may be added as required.
7. Pour into mold
8. Demold when set (35–60 mins depending on mold/conditions).

Additives & Options:

Thixotropic agent (for vertical surfaces)

Extender (for thin castings or coating)

Pigments & Sealers

Safety:

No hazardous chemicals (SDS available on request)

Wear dust mask while mixing dry powder

Not classified as dangerous goods for transport or storage

Packaging:

Products are supplied in a variety of sizes and include plastic bags/Tubs/Jerry Cans with label

Available sizes: 35kg - 1 tonne+

Colour: White

Storage:

Store dry, sealed, out of direct sunlight

Shelf life: 18+ months in unopened packaging

E - hello@bramblier.co M- 0408191404

Brambler, Launceston, Tas, 2750

bramblier.co

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