

Product Data Sheet:

Cell-Base

Instant cell creator for resin art

75g in 10 vibrant colours



Cell-Base is a range of high quality cell creating reactive pigments. The medium viscosity paste consistency ensures rapid and uniform dispersion into clear polymer resins.

- Pre-polymer pigment
- Excellent UV resistance
- Excellent light fastness rating
- Concentrated formula
- Supplied in 75g pots
- Compatible with all Eli-Chem's clear casting resins (MasterCast, totalCAST & UltraCast)
- Wide range of colours available
- Specific RAL colours and larger unit sizes available upon request

This range is designed to be used with MasterCast 1-2-1, totalCAST and UltraCast XT clear artwork resins.

The chemistry of the pigment formulation shows remarkable results in creating cell effects, when standard pigmented resin is spread over the top (tests conducted with MasterCast 1-2-1 resin).

Physical properties

VOC Content (as supplied) : max 499g / litre

Volume Solids : 40%

Mass Solids : 50%

HOW TO USE IT:

Mixing and Application

For best results you need to work at a steady pace with no pauses between steps, once you pour your base layer the pigment starts losing it's reactivity-so don't wait too long!

Add up to 10% Cell-Base pigment in mixed clear resin and spread on your substrate. This is your BASE layer colour. **Only one Cell-Base pigment colour should be used on any given artwork piece.**

Immediately add a thin layer of your TOP layer colours (resin mixed with regular pigments) over the BASE layer. Do NOT apply heat at this stage. We recommend the resi-TINT MAX range of resin pigments for your TOP colours; however other brands can be used (results may vary).

Ensure your TOP colours contrast with your BASE colour, e.g. white base layer and bold or dark top colour.

Immediately swipe or drag your TOP colours over your BASE colour using a flat edged implement (card/wood/plastic) and observe cells forming instantly. Use light pressure on the swipe, this allows Cell-Base to break through the top colour and activate the cells.

Allow the cells to grow and change in the first 30-60 seconds after swiping. Apply heat with a blowtorch or heat gun to encourage more cells to form. Take care not to overheat the resin. Over torching or too much heat will ruin the cells.

This product was developed in conjunction with MasterCast 1-2-1 clear artwork resin however other brands of resins will also work. Results may vary due to other brands having a different viscosity, density and curing schedule.

Paste pigments performed better in our testing compared to acrylic paints, inks or powder pigments. Metallic pigments did not perform well with Cell-Base.

SAFETY

Refer to the Safety Data Sheet for information on correct handling and application of the product.