

Fired Products

Clear Glazes

Mayco Low-Fire Clear Glazes



Mayco clear glazes preserve and enhance the surface of your work. Functionally, clear glaze forms an impervious barrier that protects against liquids, dirt and abrasion.

Aesthetically, our clear glazes provide a gloss or satin sheen over top of the base glaze. Please refer to specific product labels and our website for detailed instructions on using and storing clear glazes. These clear glazes are all Certified AP Non-Toxic and Food Safe.

FAQs

What is a clear glaze?

A clear glaze, once fired, is a glass coating used to completely seal the ware (decorated or undecorated) making the ware impervious to liquids, dirt and abrasion. They are also used to boost the brilliance of underlying color. Clear glazes can come in different finishes such as gloss (S-2101, S-2000 and NT-CLR) or matte (C-300).

Should I use a dipping or brushing clear glaze?

Choosing a dipping or brushing version of a clear glaze is dependent on application preference, quality of glazing and time allotment. Mayco offers low-fire clear glaze in both dipping and brushing formulas. Brushing clear glazes differ from dipping versions in that they contain organic additives, which make the brushing glazes thicker (more viscous) than dipping formulas. These additives are meant to improve the flow of glaze from the brush and assist with the even-ness of application, enhancing the fired surface finish. The amount of glaze deposited on the ware is primarily a function of glaze viscosity and the number of applications. Typically 2 applications are recommended, allowing dry time between coats.

Dipping clear glazes contain fewer organic additives, making dipping glazes less viscous than their counterpart. The amount of glaze deposited on the ware is a function of glaze viscosity and the amount of time immersed in the glaze. Often dipping glazes are preferred in a studio or production environment where a large quantity of ware is processed. To learn different dipping tips and methods, view our channel on YouTube.

What is the difference between NT-CLR and S-2000?

The fundamental difference between these two dipping glazes is their co-efficient rates of expansion. NT-CLR's lower co-efficient of expansion (COE) improves its ability to withstand thermal shock and minimize crazing. S-2000 has a higher COE and is more tolerant of high-expansion clay bodies.



NT-CLR Clear One Dipping Glaze Fast drying and has a gloss finish. Certified AP Non-Toxic and Food safe, available in 3 gallon pail.



S-2000 Crystal Clear Dipping Ideal for large quantities of pieces. Certified AP Non-Toxic. Food safe and luster compatible, available in gallon and 3 gallon pails.



S-2101 Crystal Clear Brushing Smooth, clear and glossy finish. Certified AP Non-Toxic. Food safe and luster compatible, available in 4oz, pints, gallons, and 3 gallon sizing.



C-300 Matte Transparent Glaze Matte sheen at cone 06. Will turn glossy at higher temperatures. Certified AP Non-Toxic. Food safe and luster compatible, available in 4oz, pint and gallon sizing.

