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PRO-TINT Liquid Tinting Guidelines

The **PRO-TINT** range of tints are made to very specific standards and need to be used correctly to get the best results from the tints.

- The bath must be completely clean (as residue from other tints may interfere with PRO-TINT chemicals and performance)
- The water to be used must be distilled (or at worst deionised) Not tap water !!
- The water must be heated to 93° Celsius (not 85° or 90°) (We supply thermometers to help you reach the correct temperature).
- The water must be stirred before adding the tint (to get an even temperature throughout the water)
- The tint can then be added and stirred for 30 seconds after pouring (to ensure the tint fully mixes with the water)
- Rinse tint bottle with water from the tint pot as necessary to clear all the sediment from the bottom of the bottle.
- The bath needs to be heated to 95 Celsius (to allow the chemical reaction between the tint and water to take place)
- The lid to the bath needs to be replaced (to allow the temperature to rise to 95 Celsius and remain at 95)
- The tint and water need to be stirred frequently to ensure the water and tint is fully mixed in the bath. (ensure the bottom of the bath is stirred to ensure no sediment has formed on the bottom of the bath)
- The lenses can now be tinted.
- The lab needs to check the colour frequently to confirm the lens colour.
- The lenses can be rinsed after tinting but with lukewarm water only.
- Due to the superior colour fastness most colours need 20-30 mins tint time.
- Please check your tint time / colour frequently
- Do not allow the water to exceed 100°C
- As lenses cool, please allow time to colour match previous batches.
- Keep baths topped up with water.
- Reduce temperature to 85c if not using bath for a period to avoid evaporation.
- Stir bath as often as possible.
- Always stir tint bath between lens tints.