

Technical Bulletin #68 rev 1.0 Revision Issue Date: August 12, 2020

Tint Strength Change – NEW Multiplier for TB-45

The formula for TB45 is being updated to allow for better grinding and mixing.

This will cause a reduction in the strength of TB45; this has made it necessary to introduce a multiplier into colors formulated with TB45.

On all batches of TB45 shipped out after B115075 there will be a multiplier of 1.2
The cans will be labelled with a multiplier sticker to aid in the calculations.

EXAMPLE of how the multiplier would work in a formula

	Current formula	Factor	Updated Formula	Difference
TB-45	0.010 kg	X 1.2	0.012 kg	add 2 grams
Clear 111	0.300 kg		0.298 kg	subtract 2 grams

NOTE The multiplier of TB45 will reduce the amount of clear in color formulas that use TB45.

New Color Matches

1. After colour match is done, submit formula details to Endura – Including the following additional info regarding if the formula was created using OLD or NEW TB 45
 - a. If formula was created using OLD tint strength, then the formula is entered as per what was sent
 - b. If formula was created using NEW tint strength, then Endura subtracts 20% TB-45 from the formula and adds that from the clear.

This ensures the following:

1. That all locations/distributors with the old tinter can make the formula
2. That all locations/distributors with the new tint strength do not have to worry about which formulas need to be adjusted, as they all do.

NOTE: In late December 2020, Endura will do a full update to all formulas, and this will eliminate future needs for the multiplier...an amendment to this bulletin will be sent out and cans will no longer have the multiplier sticker.

There may also be certain CLR's that require reformulation to fit in the can, please contact the Endura Color lab at 1-800-661-9930 for assistance.