OCTORAL

OCTOBASE ECO PLUS
TINTING SELECTION GUIDE

How to Read the Tint Icon

- HOW CLEAN OR DIRTY IS FLOP 1 in combination with metallics
- **3** COARSENESS (1-6) OF THE EFFECT (effects only)
- COLOUR GROUP

3

- COLOUR DIRECTION (combined 50:50 with aluminium)
- COLOUR DIRECTION OF FLOP 2
- DARKNESS OF THE FLOP: black=dark grey=medium dark white=light

Colour View Angles

Grazing or Colour shift angle -5 -> -15°	
Flop 1 or effect angle 5 -> 25°	Specular 0°
Face or colour angle 25 -> 45°	
Flop 2 or flop angle 75 -> 110°	

Coarseness

Ensure a perfect colour match by using the Valspar Coarseness Selector - a fan deck containing six coarseness examples to help identify the right degree of coarseness required for effect and metallic colours. It can be ordered by using the article number: 64-002

BLUE

W66 Bright Blue — Reddish phthalo blue with a neutral dark flop. Best choice to avoid a reddish flop.

W97 Blue — Neutral phthalo blue with a dark red flop.

W548 Bright Green Blue — Bright neutral blue with a dark neutral often perceived green-shade flop.

VIOLET

W70 Violet — Highly transparent violet. Mainly used to tint blue colours. Gives a deep neutral flop.

W96 Maroon — Blueish transparent magenta. Can be used in effects and solids. Gives a dark reddish neutral flop in red effect colours.

MAGENTA AND MAROON

W43 Transparent Red — Very transparent organic maroon. To get a deep neutral flop in red effect colours. Used in solids to make wine red colours.

W739 Translucent Magenta — Translucent Magenta to be used in red effect and red effect candy colors when utmost saturation and a dark blue shade red flop is required.

W74 Purple Red — Clean semi transparent magenta. Can be used in effects and solids. Gives a bluish flop in red effect colours.

W157 Translucent Maroon — Highly translucent maroon to achieve utmost deep flop and clean, warm red hue in the near specular angle for effect colours. Most suitable toner for the so-called candy Colour effect.

YELLOW

W52 Transparent Orange — Semi transparent yellow with a greenish flop. Use W53 in solids and when small amounts are needed.

W53 Transparent Yellow — Semi transparent yellow with a neutral flop. Can be used in solids and for small additions.

W58 Yellow — Bismuth vanadate yellow. Good hiding, leadfree. Can be used in bright yellows and small tints in solids and effects. Greenish yellow flop.

W60 Yellow Orange — Opaque reddish yellow. Good hiding leadfree. Mainly used for bright reddish yellow solids. Could help to create a greenish flop in blue colours.

W73 Oxide Transparent Yellow — Transparent iron oxide yellow. Gives a reddish neutral flop.

W98 Oxide Yellow — Opaque iron oxide yellow. Good hiding, leadfree. Mainly used for tinting in solids and effect colours. Greenish yellow flop.

GOLD

W72 Oxide Transparent Brown — Transparent iron oxide red. To get a deep brownish red flop in red effect colours. Can be used in solids as well.

GREEN

W76 Blue Green — Blueish green copper phthalo green. Most used green in the automotive industry.

W80 Green — Yellowish green phthalo green. Gives a more neutral flop.

RED

W44 Transparent Medium Red — Semi transparent. To get a clean red flop in scarlet effect colours. Avoid in solids and small amounts.

W62 Red — Very clean bright organic red. Use this toner for bright red colours only. For effects use W78.

W78 Transparent Bright Red — Clean bright organic blueish red. Semi transparent. Use this toner to highlight flop 2 of red effect colours.

W79 Oxide Red — Opaque iron oxide red. Good hiding leadfree. Mainly used for tinting in solids and effect colours. Yellowish red flop.

ORANGE

W259 Transparent Red Orange — Highly transparent and chromatic orange for effect colours.

BROWN AND COPPER

W49 Transparent Red Brown — Very transparent organic brown. To get a deep brownish neutral flop in brown effect colours. Avoid in solids and small amounts.

METALLIC

W11 Metallic Coarse — Coarse grade cornflake. Light flop 2 and greyish flop 1. Not spray sensitive.

W14 Metallic Bright — Coarse bright silver dollar. Darkest flop 2 and bright flop 1. Spray sensitive when mixed with fine silver dollar.

W17 Metallic Very Fine — Fine silver dollar aluminium. To be used for a silky silver appearance with a less deep flop. Less spray sensitive than W969.

W18 Metallic Very Coarse — Very coarse silver dollar. Dark flop and very coarse flop 1 appearance.

W25 Metallic Gold — Fine gold cornflake aluminium, for a saturated gold flop 1 and a reddish neutral flop.

W298 Metallic Bright Red — Medium coarse scarlet red silver dollar aluminium. Gives a neutral dark flop. Very suitable to serve as -good hiding- underlayer for candy metallic red colours.

W227 Metallic Bright Orange — Coarse bright orange silver dollar aluminium, gives a dark neutral flop 2.

W539 Metallic Bright Blue — Highly saturated red shade blue, medium coarse metallic with a dark neutral flop.

W969 Ultra Fine Bright — Ultra fine bright silver dollar aluminium. To be used for a silky silver appearance with a deep flop. Spray sensitive.

WHITE

W00 White — Opaque titanium white. Use W10 for white solid colours only. Use W00 for all other colours.

W10 Extra White — Opaque titanium white. Use W10 for white solid colours only. Use W00 for all other colours.

BLACK

W21 Super Jet Black — Super deep jet black. Only to be used when other blacks fail jetness.

W50 Deep Black — Extra deep carbon black. With a slightly blue flop 2. To be used for most effect colours and dark transparent solid colours.

W88 Mix Black — Use mixing black for all solid colours. W88 can be used in effects as well. Preferred black for most solid colours.

W89 Special Black — Normal deep carbon black. To be used for most effect colours and dark transparent solid colours.

SPECIALITY

n/a **W23** Base Additive — Binder to adjust toner concentrations in pearl and candy topcoats.

W99 Transparent White — Transparent titanium white. To make an opal effect in effect colours with a yellow flop 1 and blueish flop 2. Helps to make jet black appear bluer.

n/a **W909** Disorient Additive — Additive to disorient effect flakes.

SPECIAL EFFECT

5 **BW78** Silver Crystal — Special effect glass flake pigment with a neutral mass tone appearance. Use only as required, not for tinting.

5 **BW79** White Crystal — Special effect glass flake pigment with a neutral mass tone appearance. Use use only as required, not for tinting.

3 **BW86** Jade — Colour shift silicon oxide flake, with a green flash angle, blue grazing angle, face slightly green, orange flop 2 over white, non colour flop 2 in mixtures.

3 **BW87** Ruby — Colour shift silicon oxide flake, with a green flash angle, orange grazing angle, face slightly green, greenish flop 2 over white, non colour flop 2 in mixtures.

3 **BW88** Amethyst — Colour shift silicon oxide flake, with a green flash angle, violet grazing angle, face slightly green, greenish flop 2 over white, non colour flop 2 in mixtures.

3 **BW89** Emerald — Colour shift silicon oxide flake, with a violet flash angle, green grazing angle, face slightly white, brownish flop 2 over white, non colour flop 2 in mixtures.

PEARL

4 **W02** Xirallic Blue

4 **W03** Xirallic Red

1 **W22** Mica White Very Fine

1 **W24** Mica Blue Fine

4 **W26** Xirallic Green — Interference crystal effect, with a sparkling green flash angle, blue grazing angle, face slightly green, clean reddish flop 2 over white, non colour flop 2 in mixtures.

4 **W27** Xirallic Gold — Interference crystal effect, with a sparkling yellow flash angle, green grazing angle, face slightly yellow, clean blueish flop 2 over white, non colour flop 2 in mixtures.

4 **W29** Xirallic White — Interference crystal effect, with a sparkling blueish white flash angle, face whiteish, white clean flop 2 over white, non colour flop 2 in mixtures.

3 **W34** Mica Copper — Iron oxide mica, with a brown flash angle, brown face, **not used over white**, gives a clean red flop in red effect colours.

2 **W35** Mica Purple — Interference mica, with a violet flash angle, face slightly violet greenish flop 2 over white, non colour flop 2 in mixtures.

3 **W36** Mica Green Blue — Chromeoxide combination mica, with a blue green flash angle, face slightly yellow. **Do not use over white**, yellowish flop 2 in mixtures.

2 **W37** Mica Yellow — Interference mica, with a blue flash angle, face slightly blue, yellow flop 2 over white, non colour flop 2 in mixtures.

3 **W38** Mica Green — Interference mica, with a green flash angle, face slightly green, reddish flop 2 over white, non colour flop 2 in mixtures.

2 **W39** Mica Blue — Interference mica, with a blue flash angle, face slightly blue, yellow flop 2 over white, non colour flop 2 in mixtures.

2 **W40** Mica Red — Interference mica, with a red flash angle, face slightly red, green flop 2 over white, non colour flop 2 in mixtures.

2 **W41** Mica White Fine — Fine interference mica, with a white flash angle, face slightly white, dirty neutral flop 2 over white, non colour flop 2 in mixtures.

3 **W46** Mica Red — Iron oxide mica, with a russet red flash angle, russet red face, **not used over white**, gives a brown red flop in red effect colours.

3 **W47** Mica White — Interference mica, with a white flash angle, face slightly white, dirty neutral flop 2 over white, non colour flop 2 in mixtures.

1 **W48** Mica Red Fine — Fine iron oxide mica, with a dirty red flash angle, brown red face, **not used over white**, gives a light yellowish red flop in red effect colours.