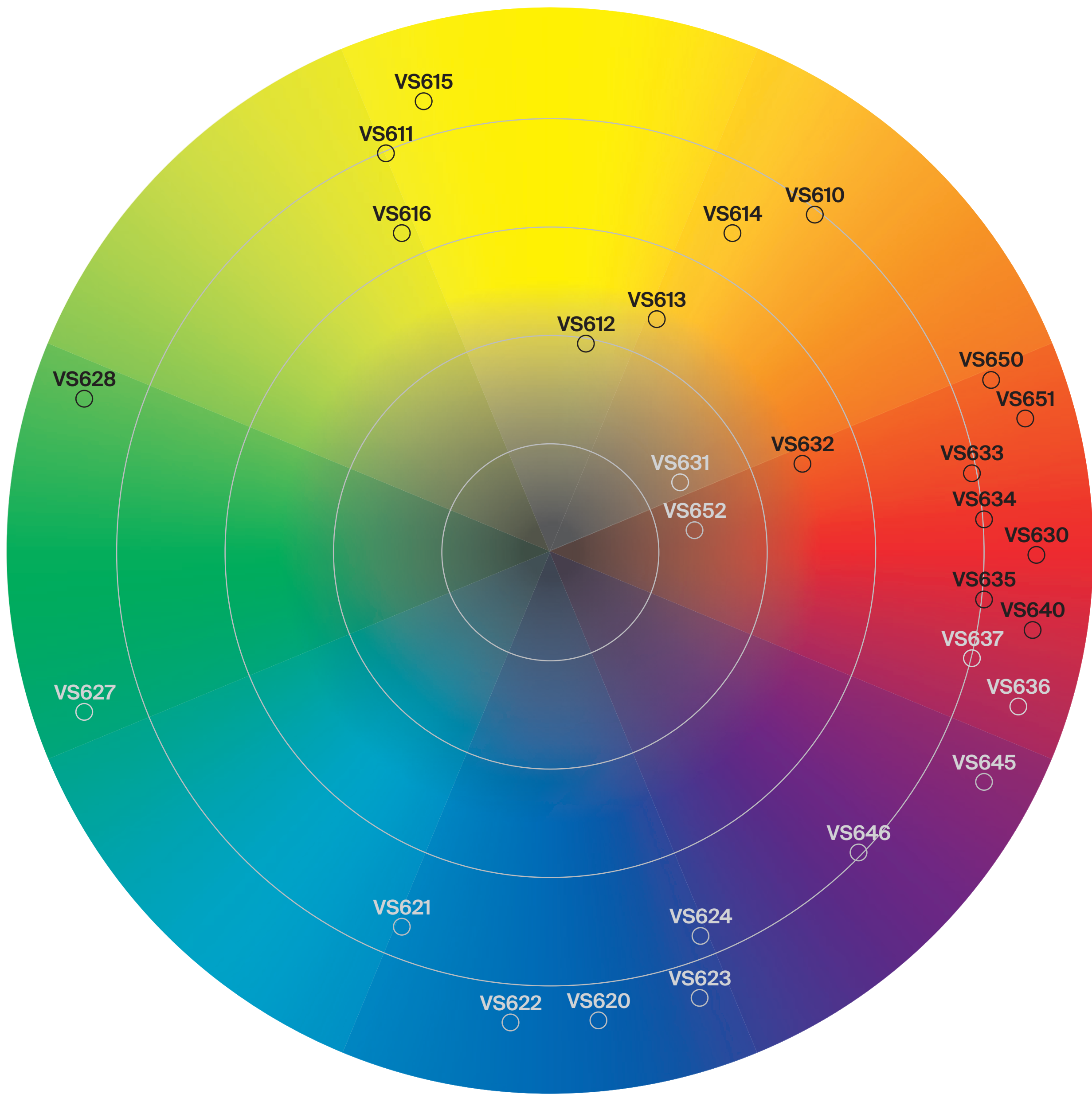


Tinting Guide



MIXING BASES

| TONER SYMBOL | TONER |
|--------------|---------------------------------------|
| | VS631 Transparent Oxide Red |
| | VS650 Organic Orange |
| | VS610 Sun Yellow |
| | VS614 Solid Yellow |
| | VS613 Gold Yellow |
| | VS612 Ochre |
| | VS615 Transparent Yellow |
| | VS611 Cedar Yellow |
| | VS616 Gold Green |

| TONER SYMBOL | TONER |
|--------------|-----------------------------|
| | VS628 Helio Green |
| | VS627 Green |
| | VS621 Green Blue |
| | VS622 Blue |
| | VS620 Helio Blue |
| | VS623 Dark Blue |
| | VS624 Deep Blue |
| | VS646 Violet |
| | VS645 Bordeaux |

| TONER SYMBOL | TONER |
|--------------|--|
| | VS636 Purple Red |
| | VS637 Brilliant Red |
| | VS640 Intense Red |
| | VS635 Maroon |
| | VS630 Bright Red |
| | VS634 Brown Red |
| | VS633 Transparent Orange Red |
| | VS651 Scarlet |
| | VS632 Sienna |
| | VS652 Brown |

BLACKS & WHITES

| TONER SYMBOL | TONER |
|--------------|---------------------------------------|
| | VS604 Black |
| | VS602 Tinting Black |
| | VS603 Reduced Tinting Black |
| | VS601 Jet Black |
| | VS605 Extra White |
| | VS606 White |

PICTOGRAM KEY

COLOR FAMILY – Yellow, Green, Blue, Violet, Red, etc.

FACE – Color viewing angle that is heavily influenced by metallic or pearl pigments in a formula.

FLOP – Color viewing angle that is generally darker and influenced mostly by the conventional pigments in a metallic or pearlescent color.

TONES – Cast of the color in relation to its hue shift and adjacent color family (green-shade blue, mid-shade blue, red-shade blue).

Tinting Guide

PEARLS

| FLAKE SIZE | TONER | CHARACTERISTICS |
|------------|--|--|
| | VE675 Extra Fine White Pearl | Pure white mica, finer than VE676. |
| | VE676 Fine White Pearl | Pure white mica. |
| | VE677 Coarse White Pearl | Pure white mica. |
| | VE678 Gold Pearl | Pure, semiopaque gold mica with a red flop. |
| | VE679 Red Variable Flip Pearl | Interference red mica with a blue flop. |
| | VE680 Copper Pearl | Pure opaque copper mica. |
| | VE681 Blue Variable Flip Pearl | Interference blue mica with a yellow flop. |
| | VE682 Violet Variable Flip Pearl | Interference violet mica with a green/yellow flop. |
| | VE683 Fine Red Pearl | Pure opaque red mica, finer than VE684. |
| | VE684 Red Pearl | Pure opaque red mica. |
| | VE685 Highlight Gold | Interference gold mica with a blue flop. |
| | VE686 Green Pearl | Pure, semi-opaque green mica. |
| | VE687 Green Variable Flip Pearl | Interference green mica with a red flop. |
| | VE688 Fine Blue Pearl | Interference blue mica with a yellow flop, finer than VE681. |

SPECIAL EFFECTS

| FLAKE SIZE | TONER | CHARACTERISTICS |
|------------|---------------------------------|----------------------------------|
| | VE690 Crystal Silver | Translucent white flake pigment. |
| | VE691 Sunbeam Gold | Translucent gold flake pigment. |
| | VE692 Fireside Copper | Opaque copper flake pigment. |
| | VE693 Solaris Red | Translucent red flake pigment. |
| | VE694 Radiant Red | Opaque red flake pigment. |
| | VE695 Galaxy Blue | Translucent blue flake pigment. |
| | VE696 Stellar Green | Translucent green flake pigment. |

FLOP ADJUSTERS

| TONER SYMBOL | TONER | CHARACTERISTICS |
|--------------|---------------------------------|---|
| | VS607 Micro Titanium | Micronized white can be used in combination with metallic and effect pigments to create a gold/yellow face and light blue flop. More two tone than VS657. |
| | VX657 Flop Controller | Gives a coarser appearance and lightens the flop. |

| FLAKE SIZE: SMALL MEDIUM LARGE | PICTOGRAM KEY | COLOR TRAVEL CHARACTERISTIC KEY |
|------------------------------------|---------------|---------------------------------|
| PEARLS | | |
| ALUMINUMS | | |
| COLORED ALUMINUMS | | |
| LENTICULAR ALUMINUMS | | |
| SPECIAL EFFECTS | | |

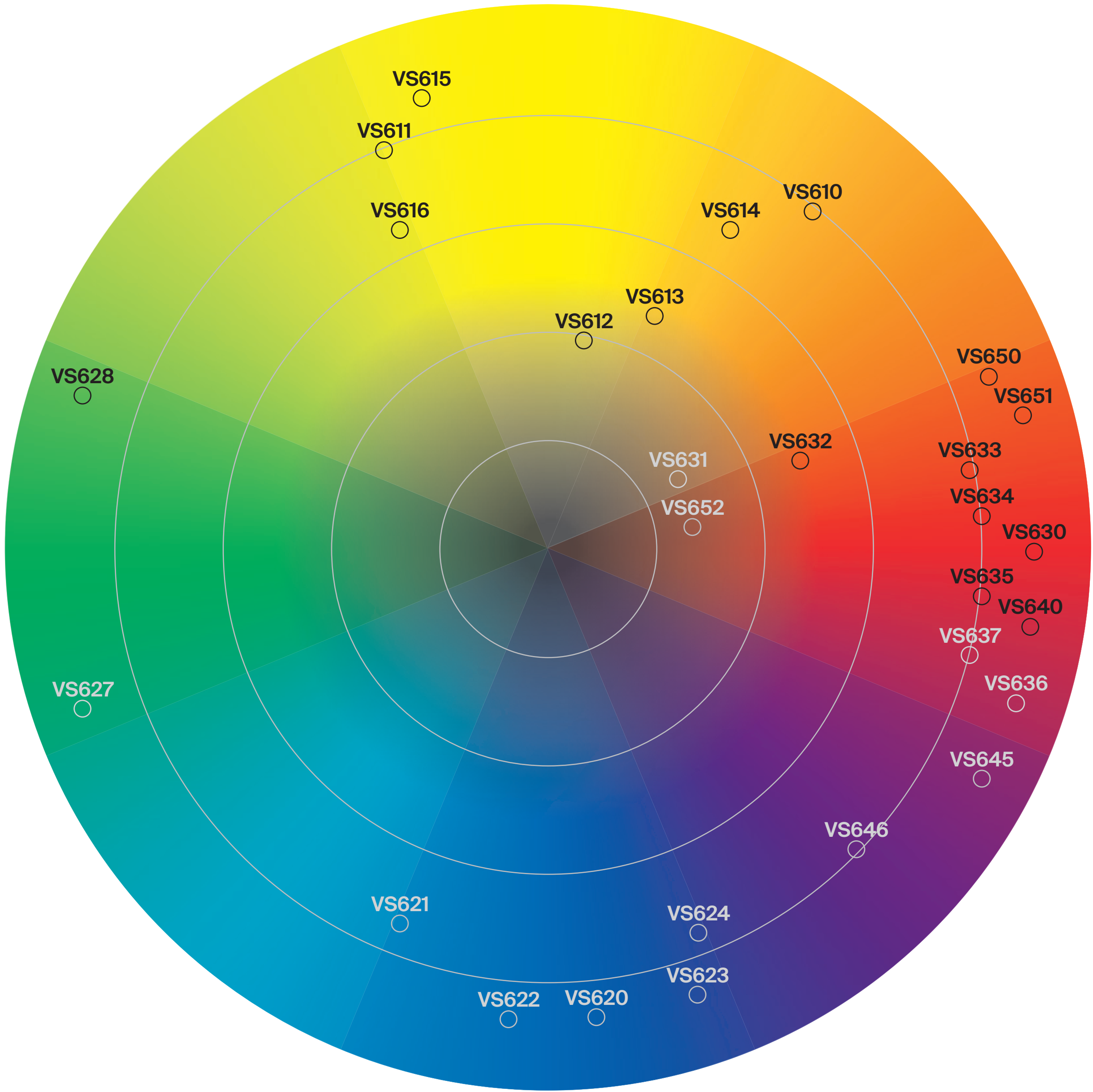
METALLICS

| FLAKE SIZE | TONER SYMBOL | TONER | CHARACTERISTICS |
|------------|--------------|--|---|
| | | VA661 Fine Satin Aluminum | Fine satin gray aluminum. Recommended for use when a dirty face/light flop is desired. |
| | | VA666 Silver Aluminum | Medium satin gray aluminum. Recommended for use when a light flop is desired. |
| | | VA664 Extra Silver Aluminum | Medium bright aluminum. |
| | | VA662 Medium Bright Aluminum | Medium bright aluminum with a darker flop than VA664. |
| | | VA665 Coarse Aluminum | Coarse, bright aluminum. |
| | | VA668 Extra Coarse Aluminum | Very coarse, bright aluminum. |
| | | VA660 Ultra Fine Lenticular Aluminum | Extra fine bright lenticular aluminum. |
| | | VA663 Fine Lenticular Aluminum | Medium bright lenticular aluminum. |
| | | VA667 Coarse Lenticular Aluminum | Very bright lenticular aluminum. Recommended to use when a very fine bright metallic with a high degree of travel and a dark flop is desired. |
| | | VA669 Blue Aluminum | Organic blue aluminum flake with a medium flop. |
| | | VA672 Orange Aluminum | Deep reddish gold aluminum flake with a medium flop. |
| | | VA671 Gold Aluminum | Pale yellow gold aluminum flake with a medium flop. |

PPG

Velocity®

Tinting Guide



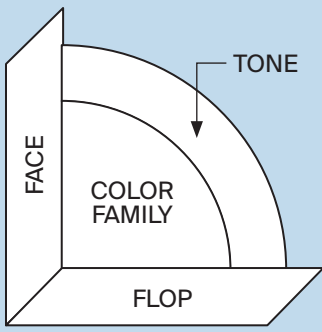
MIXING BASES

| TONER SYMBOL | TONER | TONER SYMBOL | TONER | TONER SYMBOL | TONER |
|--------------|---------------------------------------|--------------|-----------------------------|--------------|--|
| | VS631 Transparent Oxide Red | | VS628 Helio Green | | VS636 Purple Red |
| | VS650 Organic Orange | | VS627 Green | | VS637 Brilliant Red |
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| | VS614 Solid Yellow | | VS622 Blue | | VS635 Maroon |
| | VS613 Gold Yellow | | VS620 Helio Blue | | VS630 Bright Red |
| | VS612 Ochre | | VS623 Dark Blue | | VS634 Brown Red |
| | VS615 Transparent Yellow | | VS624 Deep Blue | | VS633 Transparent Orange Red |
| | VS611 Cedar Yellow | | VS646 Violet | | VS651 Scarlet |
| | VS616 Gold Green | | VS645 Bordeaux | | VS632 Sienna |
| | | | | | VS652 Brown |

BLACKS & WHITES

| TONER SYMBOL | TONER |
|--------------|---------------------------------------|
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| | VS602 Tinting Black |
| | VS603 Reduced Tinting Black |
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PICTOGRAM KEY



COLOR FAMILY – Yellow, Green, Blue, Violet, Red, etc.

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FLOP – Color viewing angle that is generally darker and influenced mostly by the conventional pigments in a metallic or pearlescent color.











































TONE – Cast of the color in relation to its hue shift and adjacent color family (green-shade blue, mid-shade blue, red-shade blue).

PPG






















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Tinting Guide

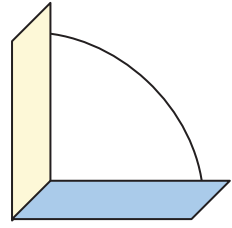
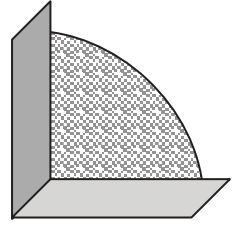
PEARLS




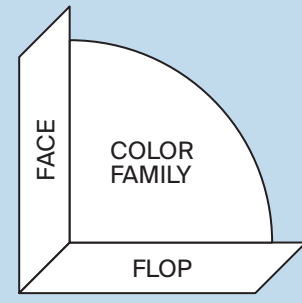
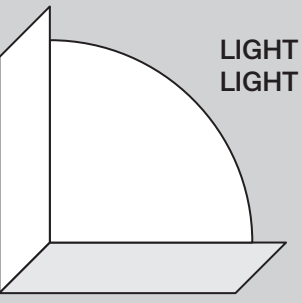



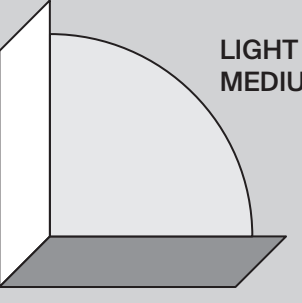



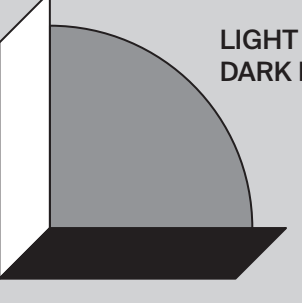






| FLAKE SIZE | TONER | CHARACTERISTICS |
|--|--|--|
|    | VE675 Extra Fine White Pearl | Pure white mica, finer than VE676. |
|    | VE676 Fine White Pearl | Pure white mica. |
|    | VE677 Coarse White Pearl | Pure white mica. |
|    | VE678 Gold Pearl | Pure, semiopaque gold mica with a red flop. |
|    | VE679 Red Variable Flip Pearl | Interference red mica with a blue flop. |
|    | VE680 Copper Pearl | Pure opaque copper mica. |
|    | VE681 Blue Variable Flip Pearl | Interference blue mica with a yellow flop. |
|    | VE682 Violet Variable Flip Pearl | Interference violet mica with a green/yellow flop. |
|    | VE683 Fine Red Pearl | Pure opaque red mica, finer than VE684. |
|    | VE684 Red Pearl | Pure opaque red mica. |
|    | VE685 Highlight Gold | Interference gold mica with a blue flop. |
|    | VE686 Green Pearl | Pure, semi-opaque green mica. |
|    | VE687 Green Variable Flip Pearl | Interference green mica with a red flop. |
|    | VE688 Fine Blue Pearl | Interference blue mica with a yellow flop, finer than VE681. |

SPECIAL EFFECTS

| FLAKE SIZE | TONER | CHARACTERISTICS |
|---|---------------------------------|----------------------------------|
|    | VE690 Crystal Silver | Translucent white flake pigment. |
|    | VE691 Sunbeam Gold | Translucent gold flake pigment. |
|    | VE692 Fireside Copper | Opaque copper flake pigment. |
|    | VE693 Solaris Red | Translucent red flake pigment. |
|    | VE694 Radiant Red | Opaque red flake pigment. |
|    | VE695 Galaxy Blue | Translucent blue flake pigment. |
|    | VE696 Stellar Green | Translucent green flake pigment. |

FLOP ADJUSTERS

| TONER SYMBOL | TONER | CHARACTERISTICS |
|--|---------------------------------|---|
|  | VS607 Micro Titanium | Micronized white can be used in combination with metallic and effect pigments to create a gold/yellow face and light blue flop. More two tone than VS657. |
|  | VX657 Flop Controller | Gives a coarser appearance and lightens the flop. |




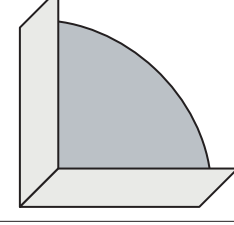



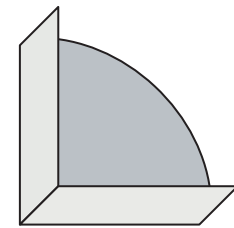



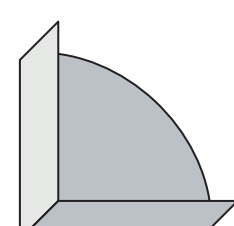



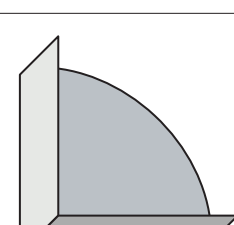



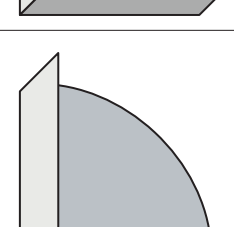



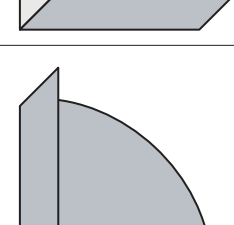



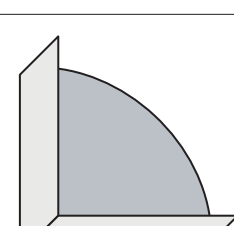



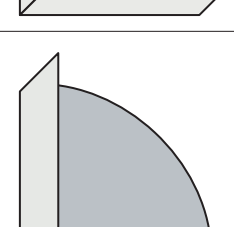



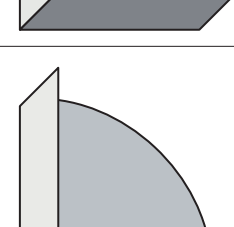



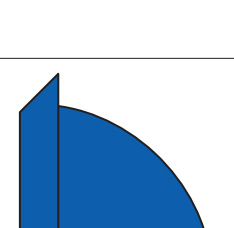



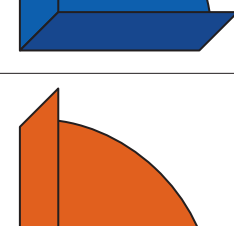



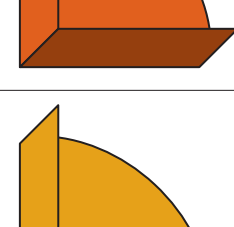
| FLAKE SIZE: SMALL MEDIUM LARGE | PICTOGRAM KEY | COLOR TRAVEL CHARACTERISTIC KEY |
|---|---|---|
| PEARLS    |  |  |
| ALUMINUMS    | |  |
| COLORED ALUMINUMS    | |  |
| LENTICULAR ALUMINUMS    | | |
| SPECIAL EFFECTS    | | |

COLOR FAMILY
Yellow, Green, Blue, Violet, Red, etc.

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Color viewing angle that is heavily influenced by metallic or pearl pigments in a formula.

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| FLAKE SIZE | TONER SYMBOL | TONER | CHARACTERISTICS |
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|    |  | VA666 Silver Aluminum | Medium satin gray aluminum. Recommended for use when a light flop is desired. |
|    |  | VA664 Extra Silver Aluminum | Medium bright aluminum. |
|    |  | VA662 Medium Bright Aluminum | Medium bright aluminum with a darker flop than VA664. |
|    |  | VA665 Coarse Aluminum | Coarse, bright aluminum. |
|    |  | VA668 Extra Coarse Aluminum | Very coarse, bright aluminum. |
|    |  | VA660 Ultra Fine Lenticular Aluminum | Extra fine bright lenticular aluminum. |
|    |  | VA663 Fine Lenticular Aluminum | Medium bright lenticular aluminum. |
|    |  | VA667 Coarse Lenticular Aluminum | Very bright lenticular aluminum. Recommended to use when a very fine bright metallic with a high degree of travel and a dark flop is desired. |
|    |  | VA669 Blue Aluminum | Organic blue aluminum flake with a medium flop. |
|    |  | VA672 Orange Aluminum | Deep reddish gold aluminum flake with a medium flop. |
|    |  | VA671 Gold Aluminum | Pale yellow gold aluminum flake with a medium flop. |