

AstradTM WB

Pigment dispersions for water-based coatings



Experience the Penn Color Difference

Penn Color serves the widest base of applications in the industry, with both colors & functional additives for thermoplastics, and dispersions for inks & coatings. The position that Penn Color holds makes a difference for customers: as a global leader, Penn Color is a stable and dependable partner, offering world-class knowledge, experience and capabilities; as a privately held company, Penn Color is fast, nimble, willing to take calculated risks, and easy to do business with.

Astrad Range

Astrad is a portfolio of water-based, solvent-based and UV dispersions for a broad range of applications in architectural, automotive and industrial coatings.

Astrad Formulations

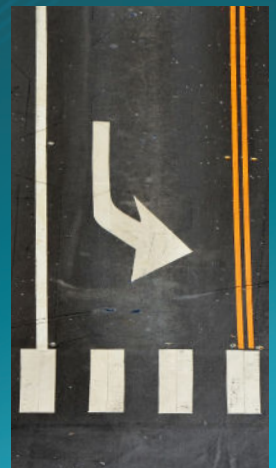
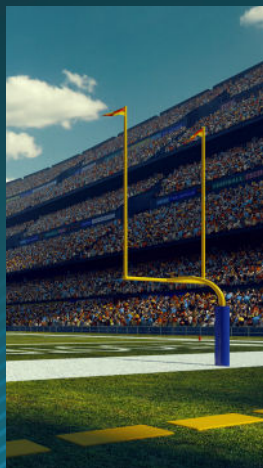
Astrad is available both as a portfolio of standard colorants and as proprietary technologies used by Penn Color to formulate custom dispersions on demand.

Astrad-WB Properties

Astrad-WB is a low-no VOC, APEO free, binder free, water-based pigment dispersion. Astrad-WB offers high pigment loading, tight tolerances of shade and color for exact color reproduction and broad product compatibility.

Applications





Astrad-WB is especially formulated for decorative paints, wood coatings, emulsion paints, protective coatings, marine, automotive and aerospace coatings.



Color Palette







Durable Yellow

 PY184  18.5
 65  80







Organic Yellow G/S

 PY74  9.8
 41  61







Organic Yellow R/S

 PY83  10
 50  69







Bright Orange

 PO5  9.9
 45  67







High Hide Red

 PR254  10.3
 50  66







Organic Red

 PR112  9.7
 45  61







Magenta

 PR122  9.7
 32  53







Carbazol Violet

 PV23  9.6
 30  63







Phthalo Blue I/S

 PB15:1  10.2
 40  62






Phthalo Blue G/S

 PB15:3  10.3
 45  61



Cobalt Blue

 PB28  16.7
 62  79



Phthalo Green

 PG7  11.2
 50  71





 Pigment |  Specific Gravity (lbs/gal) |  Pigment Loading %BW |  Total Solids %BW

The accuracy or completeness of product information is not guaranteed and is subject to change without notice.

Color Palette







Cobalt Green

 PG50  19.5
 70  84






Chrome Oxide Green

 PG17  21.2
 75  87







Yellow Iron Oxide

 PY42  16.6
 64  78







Oxide Yellow

 PBr24  18.2
 65  78







Red Iron Oxide

 PR101  17.8
 65  79







Raw Umber

 PBr7  12.1
 45  60







Carbon Black

 PBk7  10.6
 43  63







Black Oxide

 PBk11  14.9
 53  71







IR Black

 PG17  19.8
 70  84

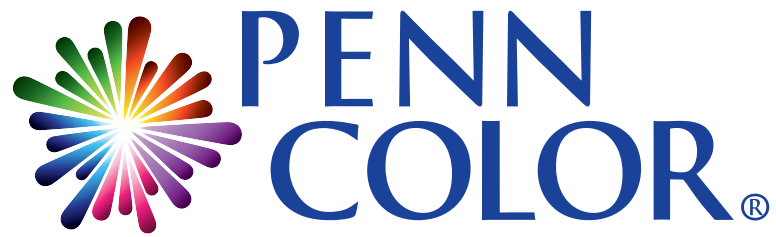


Titanium White

 PW6  17.1
 65  82

 Pigment |  Specific Gravity (lbs/gal) |  Pigment Loading %BW |  Total Solids %BW

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HATFIELD, PENNSYLVANIA | VENRAY - THE NETHERLANDS | SINGAPORE

Penncolor.com



CHECK OUT OUR OTHER ASTRAD PRODUCTS:

Astrad™ **AUTO**

Pigment dispersions for
water & solvent-based coatings

Astrad™ **UV**

Pigment dispersions for
UV curable coatings

Astrad™ **IS**

Pigment dispersions for
solvent-based coatings