



Architectural Asphalt



Integral Color for Hot Mix Pavements and Asphalt Sealers



Brick Red**



Adobe**



Sequoia**



Autumn**



Sandstone**



Cobblestone



Cordovan



Dijon



Forest Green



Bermuda Green

Hot Mix Earthtones**

All Earthtones are available in Sealer Mix

www.asphacolor.com

ASPHACOLOR INTEGRAL COLOR HOT MIX

PRODUCT DESCRIPTION:

ASPHACOLOR HOT MIX is an innovative coloring system for asphalt hot mix. ASPHACOLOR HOT MIX when mixed with hot asphalt maintains the same properties as ordinary hot mix. It beautifies the pavement to harmonious earthtone colors. There are no toxic, carcinogenic agents, or organic solvents in ASPHACOLOR HOT MIX.

SPECIFICATIONS:

ASPHACOLOR HOT MIX is supplied in a dry concentrate form. ASPHACOLOR HOT MIX should be added to the hot asphalt mix during the final process after the hot aggregate, but before the hot oil, in a range from 50 to 80 pounds of ASPHACOLOR HOT MIX per ton of hot asphalt. The amount of ASPHACOLOR HOT MIX to be mixed with is dependent upon the particular hot mix being used and the color hue to be obtained. Trial batches are recommended.

MIXING INSTRUCTIONS:

ASPHACOLOR HOT MIX should be mixed at the asphalt plant. ASPHACOLOR HOT MIX should be added to the hot mix during the mixing process at the pugmill. ASPHACOLOR HOT MIX should be added after the heated aggregate (must meet cleanliness and/or sand equivalency numbers) is already in the pugmill, but prior to the addition of oil. The mixing time recommended should be 60 seconds or at least twice the time of the plants standard hot mix. **Note:** Due to the variety of asphalt mix designs in different areas of the country it is not possible to specify an exact mixing formula for optimum use of ASPHACOLOR HOT MIX. Trial batches are recommended. ASPHACOLOR will advise a mixing formula upon correspondence from the hot mix plant.

APPLICATION PRECAUTIONS:

The ASPHACOLOR mixture should be applied using standard installation practices. The final mixed product should be installed over existing base. It is recommended that a tack coat be applied over older asphalt prior to installation to promote greater bonding. Pavement surface temperatures should be 50 °F (10 °C) and rising before application of the final mixed product is initiated.

ASPHACOLOR INTEGRAL COLOR DRY SEALANT MIX

PRODUCT DESCRIPTION:

ASPHACOLOR DRY SEALANT MIX is an innovative coloring system for asphalt emulsion seal coat. ASPHACOLOR DRY SEALANT MIX when mixed with asphalt emulsion seal coat provides excellent resistance to abrasion, and helps prevent damage to asphalt due to the harmful affects of sunlight and oxidation. It also helps prevent damage to asphalt pavement due to rain, snow, frost, freezing and thawing. It prolongs asphalt pavement life, reduces maintenance costs, and beautifies the pavement by drying to harmonious earthtone colors. There are no toxic, carcinogenic agents, or organic solvents in ASPHACOLOR DRY SEALANT MIX. There are no hazardous fumes given off as the final product cures.

SPECIFICATIONS:

ASPHACOLOR DRY SEALANT MIX is supplied in a dry concentrate form. ASPHACOLOR DRY SEALANT MIX should be added to asphalt emulsion seal coat in a range from 20 to 38 gallons of asphalt emulsion seal coat to 50 pounds of ASPHACOLOR DRY SEALANT MIX. The amount of seal coat to be mixed with is dependent upon the particular asphalt emulsion seal coat being used (with carbon black and without) and the color hue to be obtained.

MIXING INSTRUCTIONS:

SEAL COAT WITH CARBON BLACK

1) Blend ASPHACOLOR DRY MIX with UNCUT asphalt emulsion seal coating material in a conventional seal coating tank with agitator. One 50 pound bag of ASPHACOLOR material mixes with approximately 20 gallons of seal coat or, approximately 23% of seal weight depending upon desired color brightness. First add 50% of the water requirement, (this is the equivalent of 3 gallons of water to 20 gallons of seal coat) then add the ASPHACOLOR DRY MIX material slowly with the agitator operating. Mix for 10 to 20 minutes in order to obtain a completely homogenous mixture.

2) Add an additional amount of water necessary to achieve the viscosity required for application. This can be another 3 gallons per 20 gallons of original seal coat. To obtain the proper consistency the approximate total water is 30% by volume of the amount of seal coating material you started with. These water amounts should not be exceeded and should remain consistent for even color.

3) Add the amount of silica needed to achieve an appropriate mix for surface to be sealed. Total sand added should not exceed 10% of raw seal coat weight or 1 pound for every gallon of seal coat. For a coarser skid resistant surface 30 mesh silica is recommended.

4) Total ASPHACOLOR product mixed should be approximately 30 gallons for one totally mixed ASPHACOLOR 50 lb. bag.

SEAL COAT WITHOUT CARBON BLACK

1) Blend ASPHACOLOR DRY MIX with UNCUT asphalt emulsion seal coating material in a conventional seal coating tank with agitator. One 50 pound bag of ASPHACOLOR material mixes with approximately 38 gallons of seal coat or, approximately 12% of seal weight depending upon desired color brightness. First add 50% of the water requirement, (this is the equivalent of 5 gallons of water to 38 gallons of seal coat) then add the ASPHACOLOR DRY MIX material slowly with the agitator operating. Mix for 10 to 20 minutes in order to obtain a completely homogenous mixture.

2) Add an additional amount of water necessary to achieve the viscosity required for application. This can be up to another 5 gallons per 38 gallons of original seal coat. To obtain the proper consistency the approximate total water is 25% for ASPHACOLOR by volume of the amount of seal coating material you started with. These water amounts should not be exceeded and should remain consistent for even color.

3) Add the amount of silica needed to achieve an appropriate mix for surface to be sealed. Total sand added should not exceed 10% of raw seal coat weight or 1 pound for every gallon of seal coat. For a coarser skid resistant surface 30 mesh silica is recommended.

4) Total ASPHACOLOR product mixed should be approximately 52 gallons for one totally mixed ASPHACOLOR 50 lb. bag.

APPLICATION PRECAUTIONS:

The final mixed product should not be applied to wet or damp pavement surfaces. Do not apply during rainy or damp weather, or when rain is anticipated within eight hours after application is completed. Pavement surface temperatures should be 50 °F (10 °C) and rising before application of the final mixed product is initiated. Surface temperatures exceeding 90 °F (32.2 °C) will create product streaking. At least three hours of daylight should remain after completing the application and the evening temperature should not go below 40 °F (4.4 °C).

STORAGE:

- ASPHACOLOR HOT MIX in dry form should be stored in a dry place.
- ASPHACOLOR DRY SEALANT MIX in dry form should be stored in a dry place.
When ASPHACOLOR DRY SEALANT MIX is mixed with asphalt emulsion seal coat it should be stored and handled like any standard asphalt seal coat product. Horizontal storage tanks equipped with centrally suspended horizontal agitators should be used. Positive displacement gear pumps capable of handling abrasive materials are recommended. Progressive cavity, diaphragm, and piston pumps may also be used. Since any asphalt emulsion may be damaged by freezing, it should be protected at all times when the temperature drops below 40 °F (4.4 °C).

WARRANTY:

ASPHACOLOR products are warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller's and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of the portion of the material proven to be defective.