

## WB Dye

### Description:

Concreation Water-Based Dye is sold as a pre-blended liquid which can be mixed with water to create a wide variety of translucent colours for colouring concrete. When Concreation Water-Based Dye is diluted with more water it will result in a lighter colour while less water achieves a darker colour. Concreation Water-Based Dye is available in standard primary colours with tinting black to create custom blended colours. Concreation Water-Based Dye is also available in custom pre-blended colours. Dye colors can be mixed together or applied over different coloured finished to create unique custom colours and effects. It can be applied to create a solid colour or a modeled look similar to acid stains. Unlike acid stains, Concreation Water-Based Dye dries quickly and can be sealed the same day. Concreation Water-Based Dye penetrates the surface to create a permanent colour that cannot chip or peel. It is most commonly used on residential and commercial interior floors but can also be used on concrete counter tops, vertical applications and to colour over stencils.

### Applications:

- Can be applied to a variety of interior concrete surfaces including, broom finished, stamped, steel trowelled, honed and polished concrete
- Can provide a modeled look similar to acid stains or solid colours similar to pigmented systems
- Can be used for light tinting and colour matching where discolourations have occurred
- Can be used in combination with stencils to provide multi-coloured designs

### Features & Benefits:

- Easy application
- Patented formulation penetrates quickly to produce better colour fastness
- Will not contribute to surface crazing or ASR.
- Breathable
- UV stable
- VOC Compliant
- Low odor
- Reduces application time and costs of diamond polishing operations
- Dries quickly
- Provides maximum control and consistency in colour

### Physical Properties:

#### Appearance:

\*Actual values dependant on colour

Red, yellow, blue or black translucent liquid

#### Solids, weight (%):

\*Actual values dependant on colour

1.3 - 3.0

<b>Solids, volume (%):</b>	*Actual values dependant on colour 1.3 - 3.1
<b>Density(g/ml):</b>	*Actual values dependant on colour 1.0 - 1.6
<b>Density(lbs/gal):</b>	*Actual values dependant on colour 8.3 - 8.8
<b>VOC – gm./liter:</b>	Not determined
<b>VOC – lbs./gallon:</b>	Not determined
<b>Walk on:</b>	60 - 90 min.
<b>Wash:</b>	2 hr.
<b>Freeze/Thaw Stability:</b>	No
<b>Thermal Stability:</b>	Yes
<b>Mechanical Stability:</b>	Yes
<b>pH:</b>	*Actual values dependant on colour 4 - 6
<b>Flash Point (°C):</b>	42.4
<b>Flash Point (°F):</b>	108.32
<b>Packaging:</b>	3.79 L (1 gal.) jug
<b>Storage:</b>	Store in a cool dry area. Do not leave jugs exposed to sun or hot temperatures.
<b>Shelf Life:</b>	1 yr. if unopened.