

TECHNICAL **CHART 40-01**

## ORANGE COLORING 2045

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### Description of product

Concentrated dispersion of pigments in semi-liquid paste to be used in tintometric systems, absence of binders, solvents and alkyl phenol ethoxylates.

### Application Field

ORANGE COLORING 2045 is a product suitable for coloring lime based paint and silicates (interiors and exteriors). Also used for coloring silossonic outdoor water-paints, with high transpirability.

### Product characteristics

ORANGE COLORING 2045 is a concentrated dispersion of inorganic pigments in aqueous solution, with no binders, alkyl phenol ethoxylates (APEO-free) and solvents (no-VOC) This semi-liquid paste, ready to use, of pourable and pumpable consistence, is used to color, in tintometric systems, water-based decorative paints of polymer resins. Coloring paste with orange blaze, high coloring power and high degree of pureness. A mix of inorganic micronized pigments and transparent pigments with UV filters of a high resistance to light and atmosphere agents used in all systems and water-based coverings, **for interiors and exteriors**. The use of special bathers factors and polymer dispersions (APEO-free), highly biodegradable, ensures a good versatility of use with the maximum respect for environment. The special formula (VOC-free), no glycol, solvents and aromatic compounds grant a greater safety for user's and consumer's health.

### Instructions for use

- Product ready to use, stir carefully.
- For the coloring of lime based products for externals, use exclusively pigments suitable for outdoors due to the high alkalinity and absense of synthetic binders.
- Do not use coloring pastes with organic pigments for outdoor paints poor of binders, that is, indicated with a PVC value over 65%, in particular for light or pastel colors.
- Using coloring pastes (especially organic types) in paints with PVC value over 75% is to be considered at risk as the paint lack of binders.
- Temperature of application 5° - 35°C.

### Notes

The present technical chart has been written by Bericalce's experts and the indicated technical and scientific information have been tested in our own workshop.

Any responsibility regarding the results are due only to the method and conditions used during application of the product.

These indications are a valid support for testing the quality of the product in each specific case.

**ORANGE COLORING 2045**

Technical data	
Name	Orange Coloring 2045
Use	Indoors and outdoors
Composition	Inorganic coloring pigments in aqueous solution. Solid residual 55%
Aspect	Dense Liquid
Color	Orange
PH	7,5 - 8,5
Chemical Resistance	Acids (min.1 - max.5) = 5 Alkali (min.1 - max.5) = 5
Light Resistance	Full tones (min.1 - max.8) = 8 Reduced tones (1/25) (min.1 - max.8) = 8
Classification	VOC-free of the compound according to following directives -2004/42/EC dated 21.4.2004 "Direttiva Decopaint" "Decision of the European Commission of 3.9.2002 ""Ecological criteria for the award of the Community quality label to varnishing products (ECO LABEL)"
Specific weight	1,66 kg/litre
Packaging	1 Lt packaging
Storage	Keep in dry place with temperture min.5° - 30°C max.

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