

TECHNICAL **CHART 121-05**

BLU SM

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

Colorant BLU SM is a product suitable for coloring painting and varnishes, lime based paint and silicates (internal)

Product characteristics

Colorant BLU SM is a concentrated dispersion of inorganic pigments in aqueous solution, without 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. The use of special wetting factors and polymer dispersions (APEO-free), highly biodegradable, ensures a good versatility with the maximum respect for environment. Its particular formulation (VOC-free), without glycol, solvents and aromatic compounds grant a greater safety for user's and consumer's health.

Technical data	
Name	Blu SM
Composition	Inorganic coloring pigments in aqueous solution.
Aspect	Dense liquid
Color	Blue
Color Index	PB15:3
Pigment	18 %
Color rendering	95.0 - 105.0 %
Colorimetric difference	- D65/10 CIELAB DE < 1.0 - D65/10 CIELAB DC < 1.0 - D65/10 CIELAB DH < 1.0 - D65/10 CIELAB DL < 1.0
Viscosity (Brookfield)	500 - 2000 cPs (impeller n.5 at 50 rpm)
PH (10% in water)	6.0 - 9.0
SpecificWeight =Density at23°C	1.06 - 1.12 g/cm ³
Packaging	250 ml - 1 lt
Storage	Keep in dry place with temperture min.5° - 35°C max.

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Instructions for use

- Product ready to use, stir carefully
- For the coloring of paintings, lime based products for externals, use exclusively pigments suitable for outdoors due to the high alkalinity and absence 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.

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