

# efka® - 6220

## Fatty acid modified emulsifier for universal colourants

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**Composition:** Fatty acid modified polyester

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**Data:**

Active ingredients	: 100%	
Density at 20 °C	: 0.98 - 1.02 g/cm <sup>3</sup>	DIN 51757
Acid value	: 18 - 26 mg KOH/g	DIN 53402
Amine value	: 30 - 40 mg KOH/g	DIN 16945
Colour	: max. 18	ISO 4630
Appearance	: dark brown liquid	

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**Properties:** EFKA-6220 stabilizes inorganic and organic pigments in water and solvents. In addition it makes the polar ingredients of universal colourants which are used in non-polar solvent-based paints more compatible. This results in:

- maximum colour development of the colourant
- higher pigment loading
- optimum colour acceptance of the colourants in the base-paints

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**Applications:**

- EFKA-6220 in combination with EFKA-4560 and/or EFKA-1503 is suitable for the formulation of universal colourants for decorative paints
- when using universal colourants in decorative paints, the addition of EFKA-6220 to the base paints (water and solvent) can increase compatibility and colour acceptance
- EFKA-6220 is an activator for Bentonites as well as for associated and acrylic thickeners

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**Addition:** Calculation method for the required amount of active ingredient on pigment:

Universal colourants	: 5 - 10% for inorganic pigments 10 - 20% for organic pigments
Base-paints	: 0.5 - 1.5% on total base-paints
Bentonites/thickeners	: 15 - 25% on active substance

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**Incorporation:** EFKA-6220 can be incorporated in the mill-base or used as post additive.

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**Storage:** EFKA-6220 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

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**Packaging:** 25 kg and 200 kg non-returnable containers

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