

efka® - 4560

High molecular weight, pH-independent polymeric dispersant for deflocculation of pigments in decorative paints

Composition: Modified polyacrylate

Data:	Active ingredients	: 38 - 42%	
	Solvent	: water	
	Density at 20 °C	: 1.02 - 1.06 g/cm ³	DIN 51757
	Amine value	: 22 - 28 mg KOH/g	DIN 16945
	Colour	: max. 6	ISO 4630

Properties: EFKA-4560 stabilizes the pigment dispersion of inorganic and organic pigments and improves the following properties:

- gloss
- colour strength
- flocculation stability
- anti-flooding behaviour

EFKA-4560 is pH-independent and has a wide-spread compatibility in most commonly used water-based decorative coatings. EFKA-4560 does not influence the water resistance.

Application: EFKA-4560 is in combination with EFKA-1503, considered suitable to produce VOC-free tinting concentrates for both water- and solvent-based decorative paints. These concentrates have excellent compatibility and can therefore be incorporated by the use of low shear (shaking machines).

Addition: Calculation method to give the required amount of active ingredients on pigment:

Inorganic pigments	: 10% of oil absorption value
Organic pigments	: 25 - 50% of BET value
Carbon blacks	: 20% of DBP absorption value

For tinting concentrates for both water- and solvent based decorative paints, see our guide formulations.

Incorporation: EFKA-4560 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4560 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.

Packaging: 25 kg and 180 kg non-returnable containers
